API Well Number: 43047530020000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER Allred Trust 2-31A1E	
2. TYPE OF WORK DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** BLUEBELL
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO	**5. UNIT or COMMUNITIZATION AGREEMENT NAME**
6. NAME OF OPERATOR EP ENERGY E&P COMPANY, L.P.	**7. OPERATOR PHONE** 713 997-5038
8. ADDRESS OF OPERATOR 1001 Louisiana, Houston, TX, 77002	**9. OPERATOR E-MAIL** maria.gomez@epenergy.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee **11. MINERAL OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ○ FEE ◉	**12. SURFACE OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ○ FEE ◉
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Ardith B. Allred, Trustee of the Ardith B Allred Trust	**14. SURFACE OWNER PHONE (if box 12 = 'fee')** 435-353-4691
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') RR 2 Box 2667, Roosevelt, UT 84066	**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') **18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS** YES ○ (Submit Commingling Application) NO ◉	**19. SLANT** VERTICAL ◉ DIRECTIONAL ○ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1569 FNL 1113 FEL	SENE	31	1.0 S	1.0 E	U
Top of Uppermost Producing Zone	1569 FNL 1113 FEL	SENE	31	1.0 S	1.0 E	U
At Total Depth	1569 FNL 1113 FEL	SENE	31	1.0 S	1.0 E	U

21. COUNTY UINTAH	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 1113	**23. NUMBER OF ACRES IN DRILLING UNIT** 640
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1750	**26. PROPOSED DEPTH** MD: 13700 TVD: 13700
27. ELEVATION - GROUND LEVEL 5327	**28. BOND NUMBER** 400JU0708	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** Roosevelt City / Ballard City

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	20	13.375	0 - 1000	54.5	J-55 LT&C	8.8	Class G	1241	1.15	15.8
SURF	12.25	9.625	0 - 5500	40.0	N-80 LT&C	9.5	35/65 Poz	809	3.16	11.0
							Premium Lite High Strength	191	1.33	14.2
I1	8.75	7	0 - 9630	29.0	P-110 LT&C	11.0	Premium Lite High Strength	258	2.31	12.0
							Premium Lite High Strength	91	1.91	12.5
L1	6.125	4.5	9430 - 13700	13.5	P-110 LT&C	15.0	50/50 Poz	386	1.31	16.4

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☑ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☐ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME Maria S. Gomez	**TITLE** Principal Regulatory Analyst	**PHONE** 713 997-5038
SIGNATURE	**DATE** 07/22/2012	**EMAIL** maria.gomez@epenergy.com

API NUMBER ASSIGNED
43047530020000

APPROVAL

Permit Manager

RECEIVED: March 12, 2014

Allred Trust 2-31A1E
Sec. 31, T1S, R1E
UINTAH COUNTY, UT

EP ENERGY E&P COMPANY, L.P.

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers**

Formation	Depth
Green River (GRRV)	5,428’
Green River (GRTN1)	6,803’
Mahogany Bench	7,433’
L. Green River	8,593’
Wasatch	9,528’
T.D. (Permit)	13,700’

2. **Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:**

Substance	Formation	Depth
	Green River (GRRV)	5,428’
	Green River (GRTN1)	6,803’
	Mahogany Bench	7,433’
Oil	L. Green River	8,593’
Oil	Wasatch	9,528’

3. **Pressure Control Equipment:** (Schematic Attached)

A 4.5” by 20.0” rotating head on structural pipe from surface to 1,000’. A 4.5” by 13 3/8” Smith Rotating Head and 5M Annular from 1,000’ to 5,500’ on Conductor. A 5M BOP stack, 5M kill lines and choke manifold used from 5,500’ to 9,630’. A 10M BOE w/rotating head, 5M annular, blind rams & mud cross from 9,630’ to TD. The BOPE and related equipment will meet the requirements of the 5M and 10M system.

OPERATORS MINIMUM SPECIFICATIONS FOR BOPE:

The surface casing will be equipped with a flanged casing head of 5M psi working pressure. An 11” 5M x 11” 10M spool, 11” x 10M psi BOP and 5M psi Annular will be nippled up on the surface casing and tested to 250 psi low test / 3,000 psi high test for 10 minutes each prior to drilling out. The surface casing will be tested to 1,000 psi. for 30 mins. Intermediate casing will be tested to the greater of 1500 psi or 0.22 psi/ft. The choke manifold equipment, upper Kelly cock, floor safety valves will be tested to 5M psi. The annular preventer will be tested to 250 psi low lest and 4,000 psi high test. The 10M BOP will be installed

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with 3 ½" pipe rams, blind rams, mud cross and rotating head from intermediate shoe to TD. The BOPE will be hydraulically operated.

In addition, the BOP equipment will be tested after running intermediate casing, after any repairs to the equipment and at least once every 30 days. Pipe and blind rams will be activated on each trip, annular preventer will be activated weekly and weekly BOP drills will be held with each crew.

Statement on Accumulator System and Location of Hydraulic Controls:

Precision Rig # 406 is expected to be used to drill the proposed well. Operations will commence after approval of this application. Manual and/or hydraulic controls will be in compliance with 5M psi systems.

Auxiliary Equipment:

A) Pason Gas Detector 1,000' to TD
B) Mud logger with gas monitor – 5,500' to TD
C) Choke manifold with one manual and one hydraulic operated choke
D) Full opening floor valve with drill pipe thread
E) Upper and lower Kelly cock
F) Shaker, centrifuge and de-sander.

4. **Proposed Casing & Cementing Program:**

Please refer to the attached Wellbore Diagram.
All casing will meet or exceed the following design safety factors:

- Burst = 1.00
- Collapse = 1.125
- Tension = 1.2 (including 100k# overpull)

Cement design calculations will be based on

Cement design calculations will be based on gauge hole volumes plus excess (see planned excess below). Actual volumes pumped will be the planned volume on the surface and intermediate sections and caliper plus excess on the production section.

Surface Casing: 75% Excess on Lead and 50% Excess on Tail
Intermediate Casing: 10% Excess on Lead and 10% Excess on Tail
Production: 25% Excess

5. **Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	WBM	8.8 – 9.5
Intermediate	WBM	9.5 – 11.0
Production	WBM	11.0 – 15.0

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Anticipated mud weights are based on actual offset well bottom-hole pressure data. Mud weights utilized may be somewhat higher to allow for trip margin and to provide hole stability for running logs and casing.

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program**:

Logs:
Mud Log: 5,500 - TD.
Open Hole Logs: Gamma Ray, Neutron-Density, Resistivity, Sonic, from base of surface casing to TD.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 13,700' TD equals approximately 10,686 psi. This is calculated based on a 0.78 psi/foot gradient (15 ppg mud density at TD).

Maximum anticipated surface pressure equals approximately 7,672 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

Maximum anticipated surface pressure based on frac gradient at 7" casing shoe is 0.8 psi/ft at 9,600' = 7,704 psi

BOPE and casing design will be based on the lesser of the two MASPs which is 7,672 psi.

8. **OPERATOR REQUESTS THAT THE PROPOSED WELL BE PLACED ON CONFIDENTIAL STATUS.**

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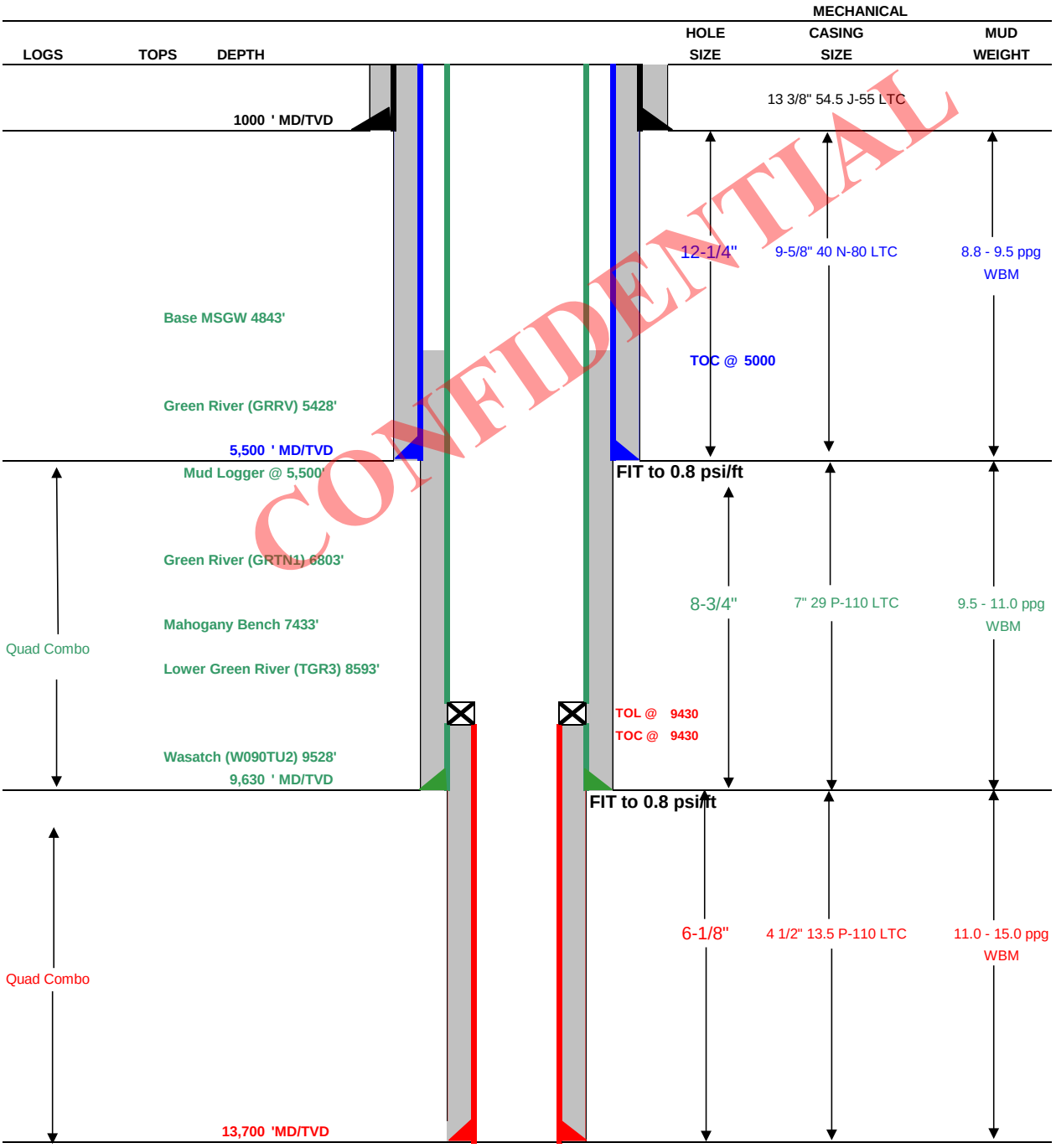
EP ENERGY

Drilling Schematic

Company Name:	EP Energy	**Date:**	July 17, 2012
Well Name:	Allred Trust 2-31A1E	**TD:**	13,700
Field, County, State:	Altamont-Bluebell Uintah, UT	**AFE #:**	
Surface Location:	Sec 31 T1S R1E 1569' FNL 1113' FEL	**BHL:**	Straight Hole
Objective Zone(s):	Lower Green River, Wasatch	**Elevation:**	5,327'
Rig:	Precision 406	**Spud (est.):**	

BOPE Info: 5.0 x 13 3/8 rotating head and 5M Annular from1,000' to 5,500' 11 5M BOP stack and 5M kill lines and choke manifold used from 5,500' to 9,630' 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 9,630' to TD



DRILLING PROGRAM

CASING PROGRAM	SIZE	INTERVAL		WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0	1000	54.5	J-55	LTC	2,730	1,140	1,399
SURFACE	9-5/8"	0	5500	40.00	N-80	LTC	3,090	5,750	820
INTERMEDIATE	7"	0	9630	29.00	P-110	LTC	11,220	8,530	797
PRODUCTION LINER	4 1/2"	9430	13700	13.50	P-110	LTC	12,410	10,680	338

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		1000	Class G + 3% CACL2	1241	100%	15.8 ppg	1.15
SURFACE	Lead	5,000	Boral Craig POZ 35%, Mountain G 65%, Bentonite Wyoming 8%, Silicate 5 lbm/sk, Pol-E Flake 0.125 lbm/sk, Kwik Seal 0.25 lb/sk	809	75%	11.0 ppg	3.16
	Tail	500	Halco-light premium+3 lb/sk Silicate+0.3% Econolite+1% Salt+0.25 lbm/sk Kol-Seal+0.24 lb/sk Kwik Seal+ HR-5	191	50%	14.2 ppg	1.33
INTERMEDIATE	Lead	3,630	Hallco-Light-Premium+4% Bentonite+0.4% Econolite+0.2% Halad322+3 lb/sk Silicalite Compacted+0.8% HR-5+ 0.125 lb/sk Poly-E-Flake	258	10%	12.0 ppg	2.31
	Tail	1,000	Hallco-Light-Premium+0.2% Econolite+ 0.3% Versaset+0.2% Halad322+0.8% HR-5+ 0.3% SuperCBL+ 0.125 lb/sk Poly-E-Flake	91	10%	12.5 ppg	1.91
PRODUCTION LINER		4,270	Halco- 50/50 Poz Premium Cement+20% SSA-1+0.3% Super CBL+ 0.3% Halad-344+0.3% Halad-413+ 0.2% SCR-100+ 0.125 lb/sk Poly-E-Flake + 3 lb/sk Silicat	386	25%	16.40	1.31

FLOAT EQUIPMENT & CENTRALIZERS	
CONDUCTOR	PDC drillable guide shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing.
SURFACE	PDC drillable guide shoe, 1 joint casing, PDC drillable float collar & Stage collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter.
INTERMEDIATE	PDC drillable 10M,P-110 float shoe, 1 joint, PDC drillable 10M, P-110 float collar. Thread lock all float equipment. Maker joint at 8,000'.
LINER	Float shoe, 1 joint, float collar. Thread lock all FE. Maker joints every 1000'.

PROJECT ENGINEER(S): Joe Cawthorn 713-997-5929

MANAGER: Tommy Gaydos

RECEIVED: July 22, 2012

EL PASO E&P COMPANY, L.P.

ALLRED TRUST 2-31A1E

SECTION 31, T1S, R1E, U.S.B.&M.

PROCEED EAST ON US HIGHWAY 40 FROM THE INTERSECTION OF MAIN STREET AND 200 NORTH STREET, ROOSEVELT, UTAH APPROXIMATELY 5 MILES TO AN INTERSECTION;

TURN LEFT AND PROCEED NORTH ON PAVED HIGHWAY FROM THE INTERSECTION OF WHITEROCKS HIGHWAY WITH U.S. HIGHWAY 40 APPROXIMATELY 5.05 MILES TO AN INTERSECTION;

TURN LEFT AND TRAVEL WEST ON PAVED COUNTY ROAD APPROXIMATELY 0.25 MILES TO THE BEGINNING OF THE ACCESS ROAD;

TURN LEFT AND FOLLOW ROAD FLAGS SOUTH APPROXIMATELY 0.26 MILES TO THE PROPOSED LOCATION;

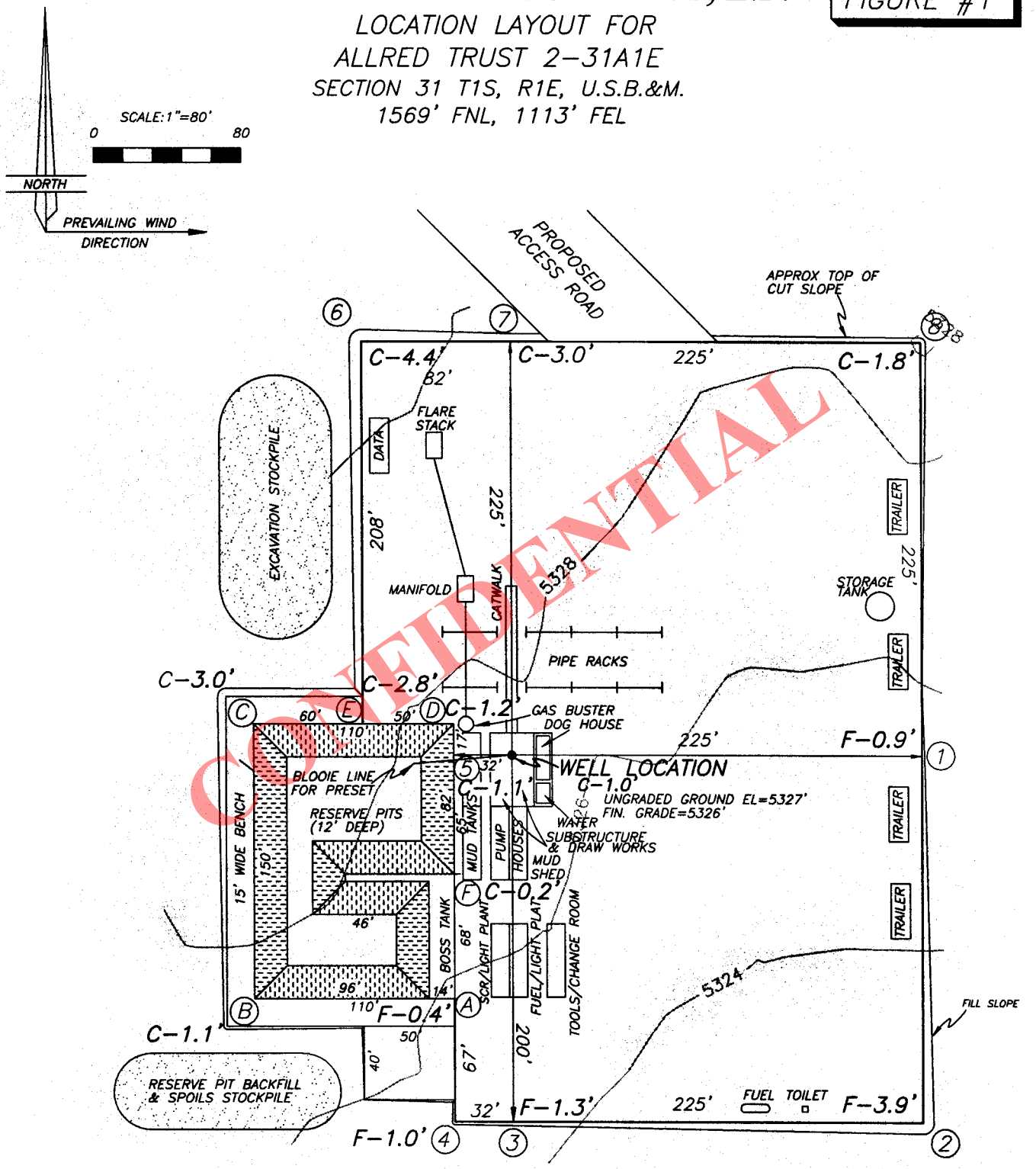
TOTAL DISTANCE FROM THE INTERSECTION OF THE WHITEROCKS HIGHWAY AND U.S. HIGHWAY 40 TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 5.56 MILES.

API Well Number: 43047530020000

EL PASO E & P COMPANY, L.P.

FIGURE #1

LOCATION LAYOUT FOR
ALLRED TRUST 2-31A1E
SECTION 31 T1S, R1E, U.S.B.&M.
1569' FNL, 1113' FEL



PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
17 Aug '10
STATE OF UTAH

16 AUG 2010 01-128-174

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

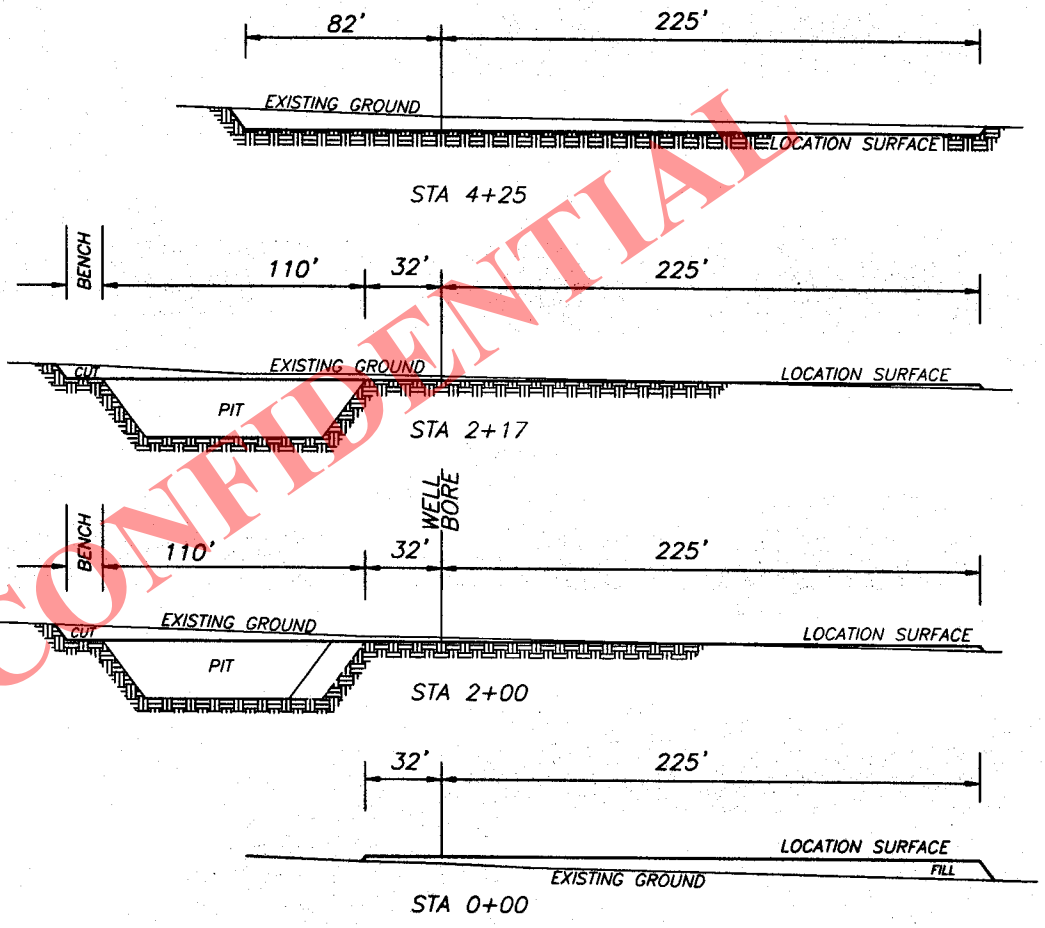
EL PASO E & P COMPANY, L.P.

FIGURE #2

LOCATION LAYOUT FOR
ALLRED TRUST 2-31A1E
SECTION 31 T1S, R1E, U.S.B.&M.
1569' FNL, 1113' FEL

1"=40' X-SECTION SCALE
1"=80'

NOTE: ALL CUT/FILL SLOPES ARE 1½:1 UNLESS OTHERWISE NOTED



APPROXIMATE YARDAGES

TOTAL CUT (INCLUDING PIT) = 10,756 CU. YDS.

PIT CUT	=	4572 CU. YDS.
TOPSOIL STRIPPING: (6")	=	2754 CU. YDS.
REMAINING LOCATION CUT	=	3,430 CU. YDS

TOTAL FILL = 3433 CU. YDS.

LOCATION SURFACE GRAVEL=1504 CU. YDS. (4" DEEP)

ACCESS ROAD GRAVEL=378 CU. YDS.

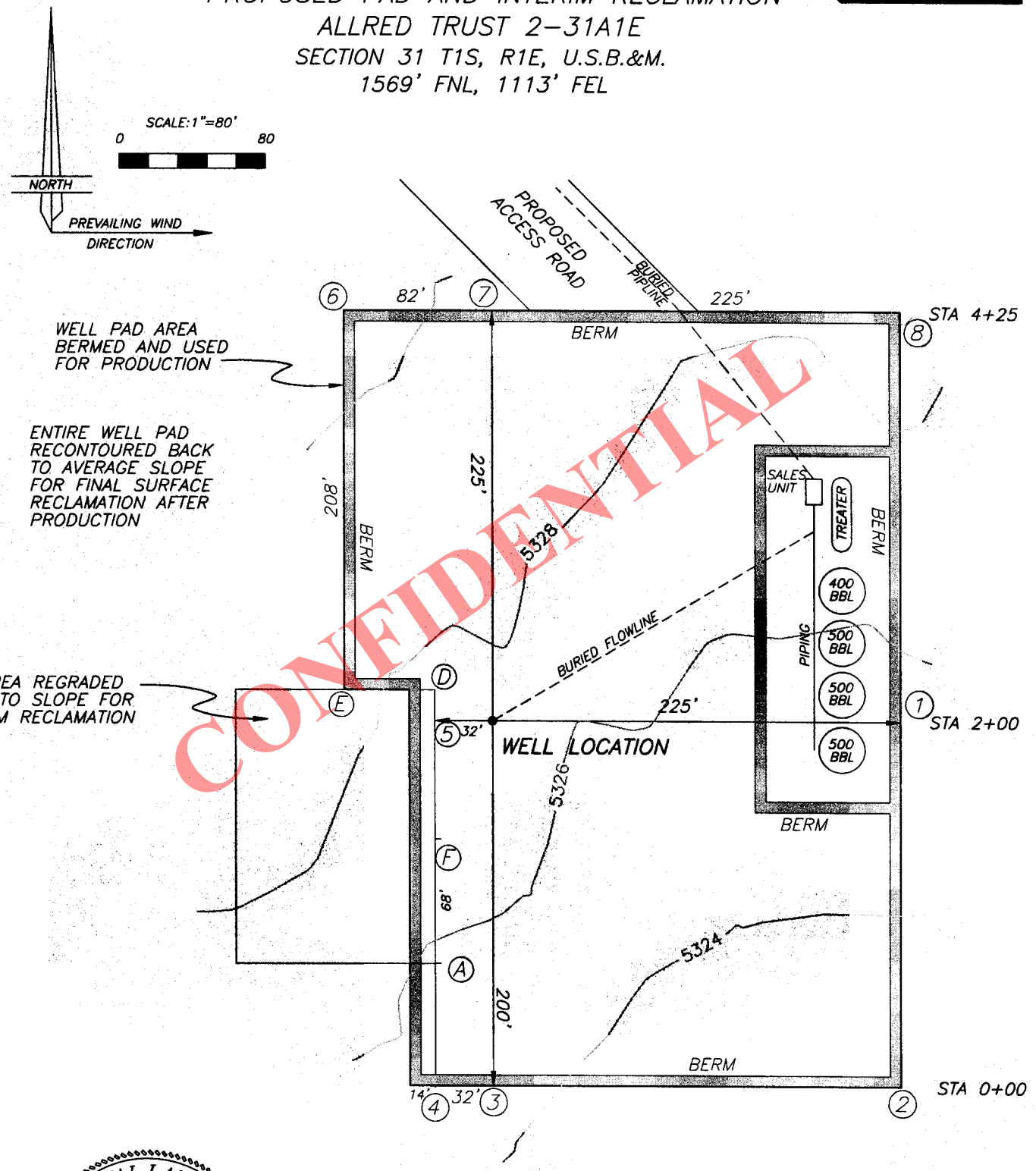
JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

16 AUG 2010 01-128-174

EL PASO E & P COMPANY, L.P.

PROPOSED PAD AND INTERIM RECLAMATION
ALLRED TRUST 2-31A1E
SECTION 31 T1S, R1E, U.S.B.&M.
1569' FNL, 1113' FEL

FIGURE #3



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LOCATION USE AREA AND
ACCESS ROAD, POWERLINE, AND PIPELINE
CORRIDOR RIGHT-OF-WAY SURVEY FOR

ELPASO E&P COMPANY, L.P.

ALLRED TRUST 2-31A1E

SECTION 31, T1S, R1E, U.S.B.&M.
UINTAH COUNTY, UTAH

USE AREA BOUNDARY DESCRIPTION

Commencing at the East Quarter Corner of Section 31, Township 1 South, Range 1 East of the Uintah Special Base and Meridian;
Thence North 45°23'16" West 1204.72 feet to the TRUE POINT OF BEGINNING;
Thence North 90°00'00" West 447.36 feet to the West line of the SE1/4 of the NE1/4 of said Section;
Thence North 00°42'35" East 475.00 feet to the Northwest Corner of said aliquot part;
Thence South 89°57'29" East 441.97 feet along the North line of said aliquot part;
Thence South 00°03'34" West 474.64 feet to the TRUE POINT OF BEGINNING, containing 4.85 acres.

ACCESS ROAD, PIPELINE, AND POWER LINE CORRIDOR RIGHT-OF-WAY DESCRIPTION

A 66 feet wide access road, pipeline, and power line right-of-way corridor over portions of Section 31, Township 1 South, Range 1 East of the Uintah Special Base and Meridian, the centerline of said right-of-way being further described as follows:
Commencing at the Northeast Corner of said Section;
Thence South 38°34'04" West 1687.35 feet to the TRUE POINT OF BEGINNING, said point being on the South line of the NE1/4 of the NE1/4 of said Section and on the North line of the Elpaso E&P Co. Allred Trust 2-31A1E well location use area boundary;
Thence North 48°06'33" West 303.82 feet;
Thence North 00°22'24" East 1085.06 feet to the South right-of-way line of the County Road. Said right-of-way being 1388.87 feet in length with the sidelines being shortened or elongated to intersect said use area boundary and said South right-of-way lines.

SURVEYOR'S CERTIFICATE

This is to certify that this plat was prepared from the field notes and electronic data collector files of an actual survey made by me, or under my personal supervision, of the use area and access road, powerline, and pipeline corridor right-of-way shown hereon, and that the monuments indicated were found or set during said survey, and that this plat accurately represents said survey to the best of my knowledge.

PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D.
ALLRED
17 Aug '10
STATE OF UTAH

Jerry D. Allred, Professional Land Surveyor,
Certificate 148951 (Utah)

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE SECTION CORNER LOCATED AT LAT. 40°22'29.30061"N AND LONG. 109°54'58.86832"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

BASIS OF ELEVATIONS: NAVD 88 DATUM USING THE UTAH REFERENCE NETWORK CONTROL SYSTEM

17 AUG 2010 01-128-174

JERRY D. ALLRED AND ASSOCIATES
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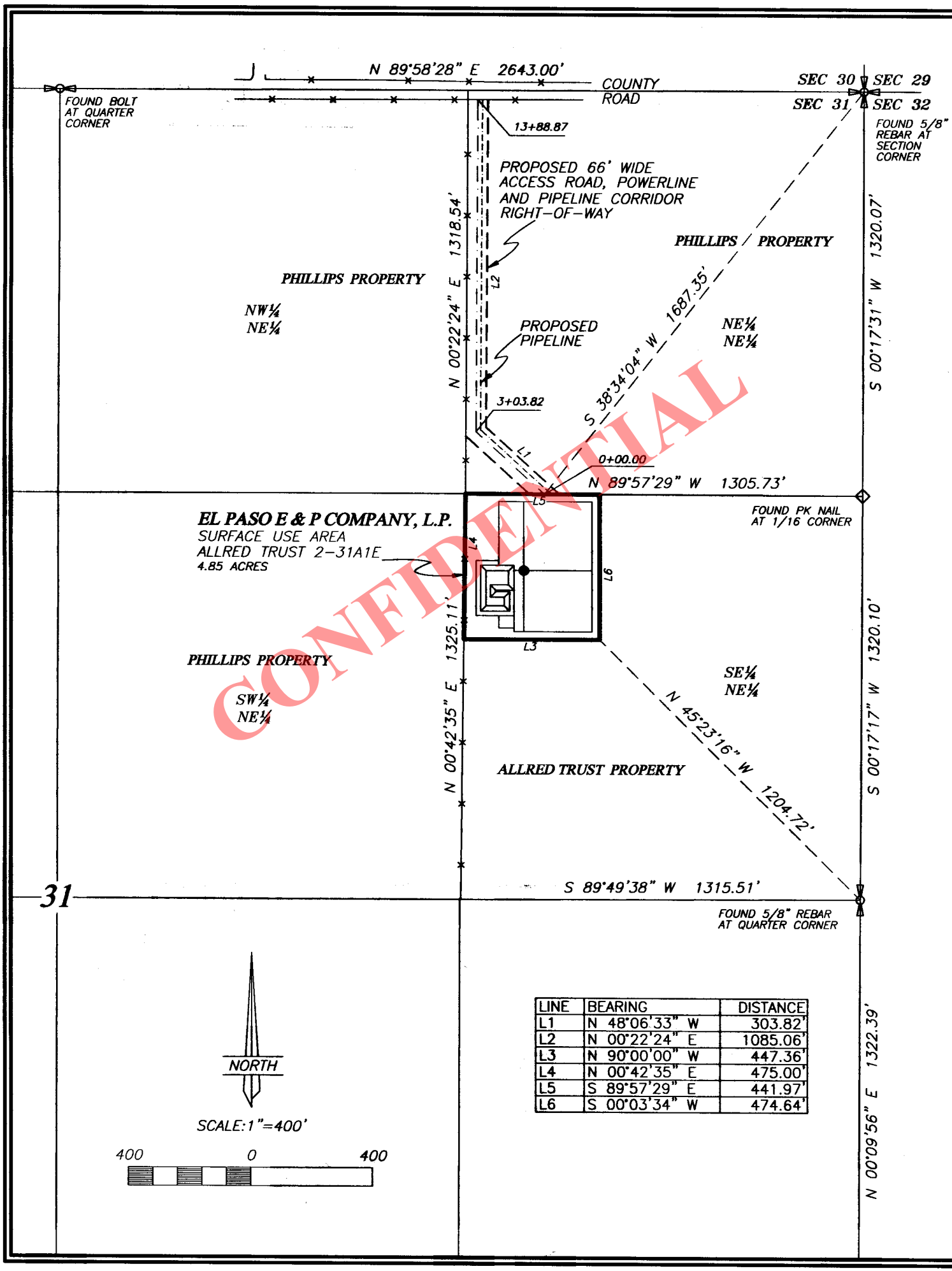
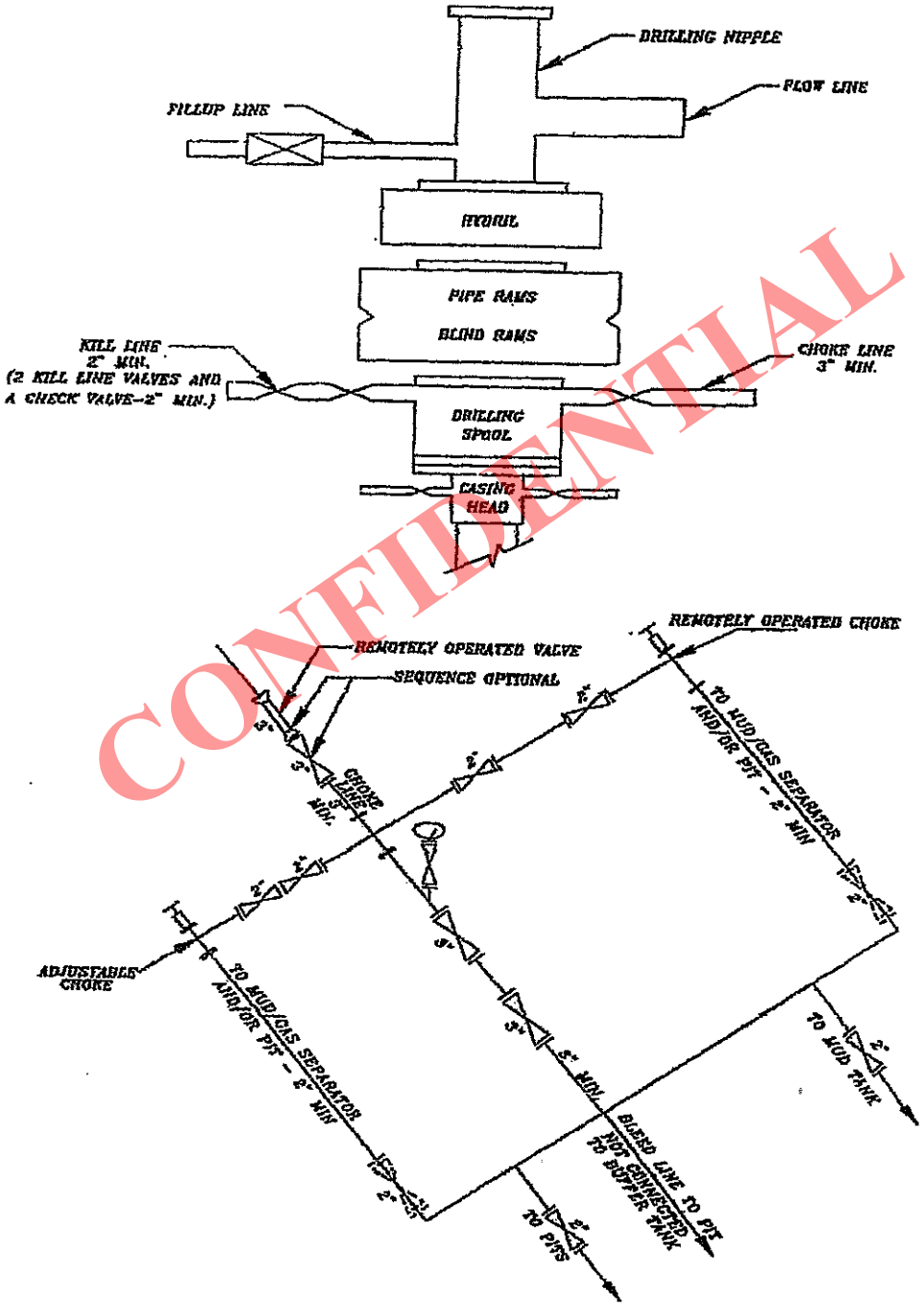
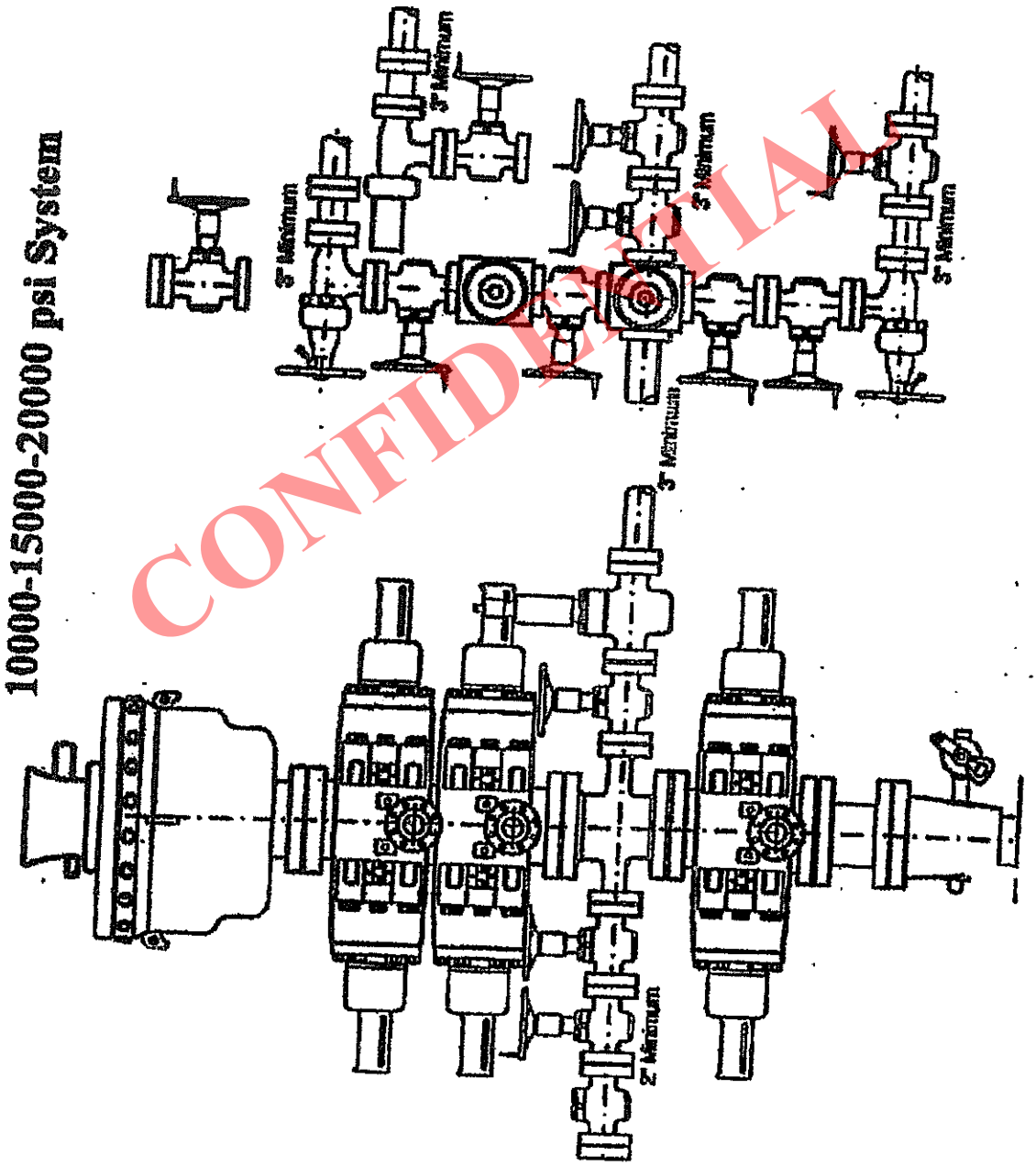


LINE	BEARING	DISTANCE
L1	N 48°06'33" W	303.82'
L2	N 00°22'24" E	1085.06'
L3	N 90°00'00" W	447.36'
L4	N 00°42'35" E	475.00'
L5	S 89°57'29" E	441.97'
L6	S 00°03'34" W	474.64'

5M BOP STACK and CHOKE MANIFOLD SYSTEM





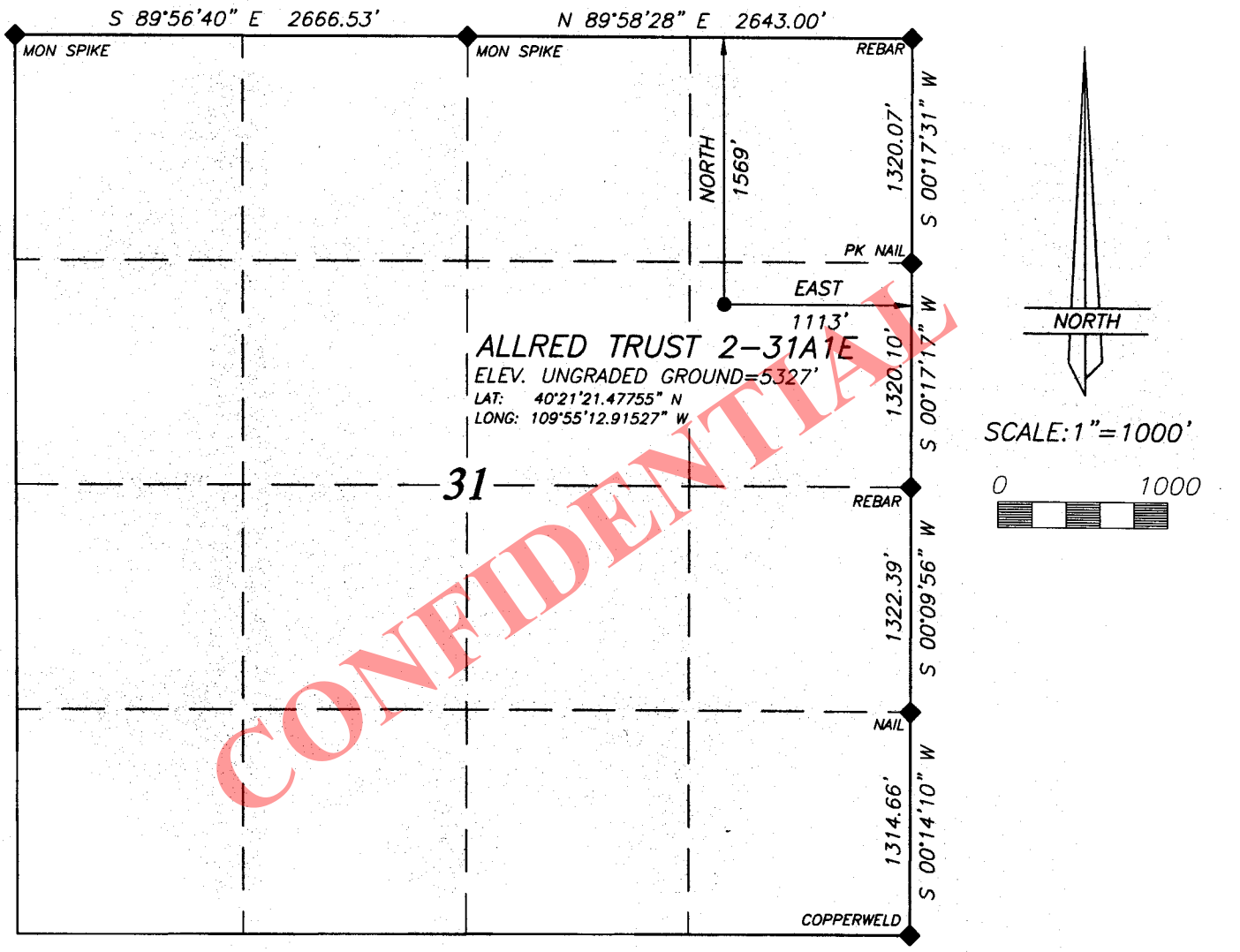
API Well Number: 43047530020000

EL PASO E & P COMPANY, L.P.

WELL LOCATION

ALLRED TRUST 2-31A1E

LOCATED IN THE SE¼ OF THE NE¼ OF SECTION 31, T1S, R1E, U.S.B.&M. UINTAH COUNTY, UTAH



LEGEND AND NOTES

◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE SECTION CORNER LOCATED AT LAT. 40°22'29.30061"N AND LONG. 109°54'58.86832"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

BASIS OF ELEVATIONS: NAVD 88 DATUM USING THE UTAH REFERENCE NETWORK CONTROL SYSTEM

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM THE FIELD NOTES AND ELECTRONIC DATA COLLECTOR FILES OF AN ACTUAL SURVEY PERFORMED BY ME, OR UNDER MY PERSONAL SUPERVISION, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR REESTABLISHED.

PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
17 Aug '10
STATE OF UTAH

JERRY D. ALLRED, REGISTERED LAND SURVEYOR, CERTIFICATE NO. 148951 (UTAH)

10 AUG 2010 01-128-174

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
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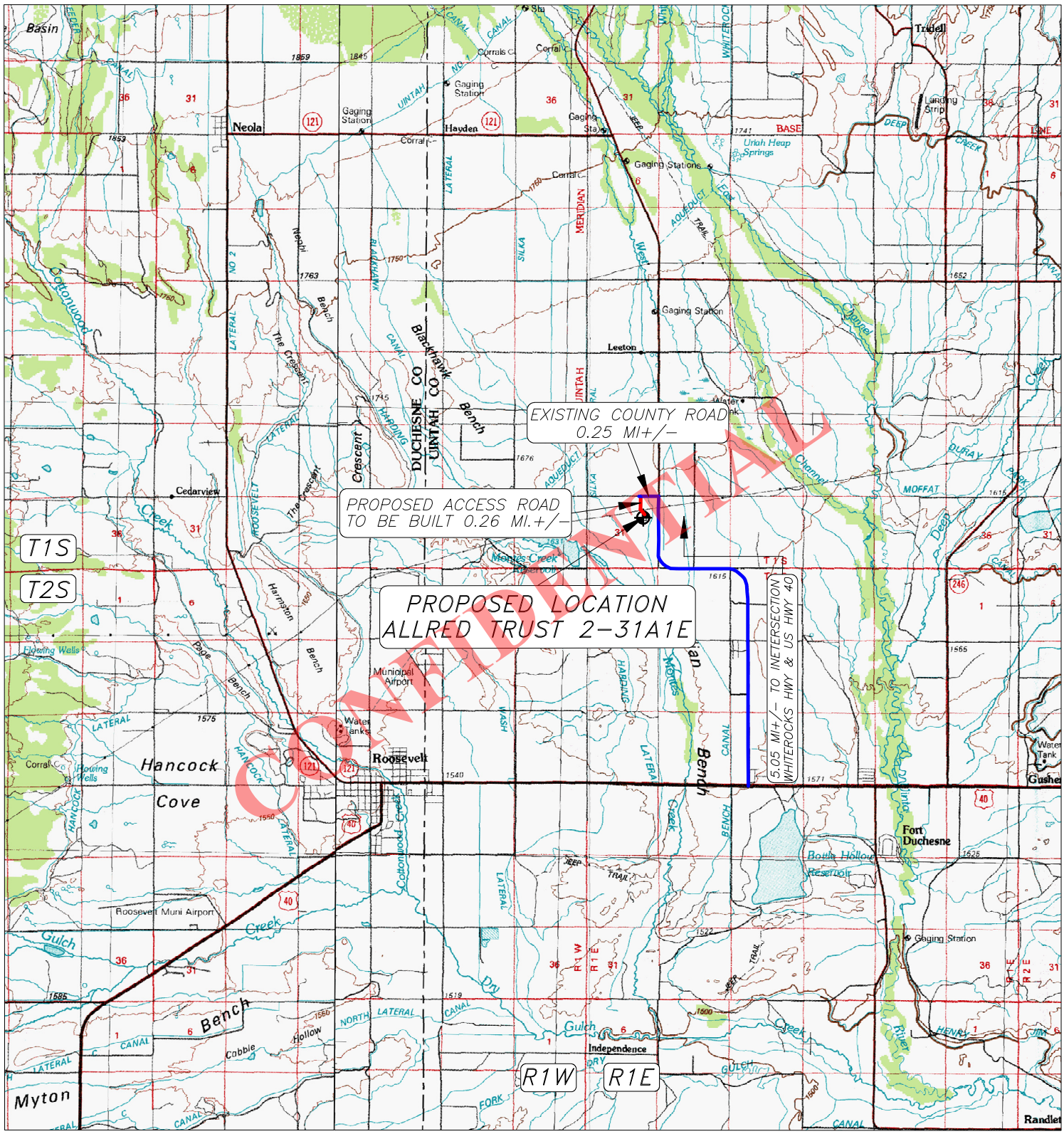

LEGEND:

◆ PROPOSED WELL LOCATION

EL PASO E & P COMPANY, L.P.

ALLRED TRUST 2-31A1E

SECTION 31, T1S, R1E, U.S.B.&M.

1569' FNL 1113' FEL

01-128-174

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NORTH

TOPOGRAPHIC MAP "A"

SCALE; 1"=10,000'

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RECEIVED: July 22, 2012

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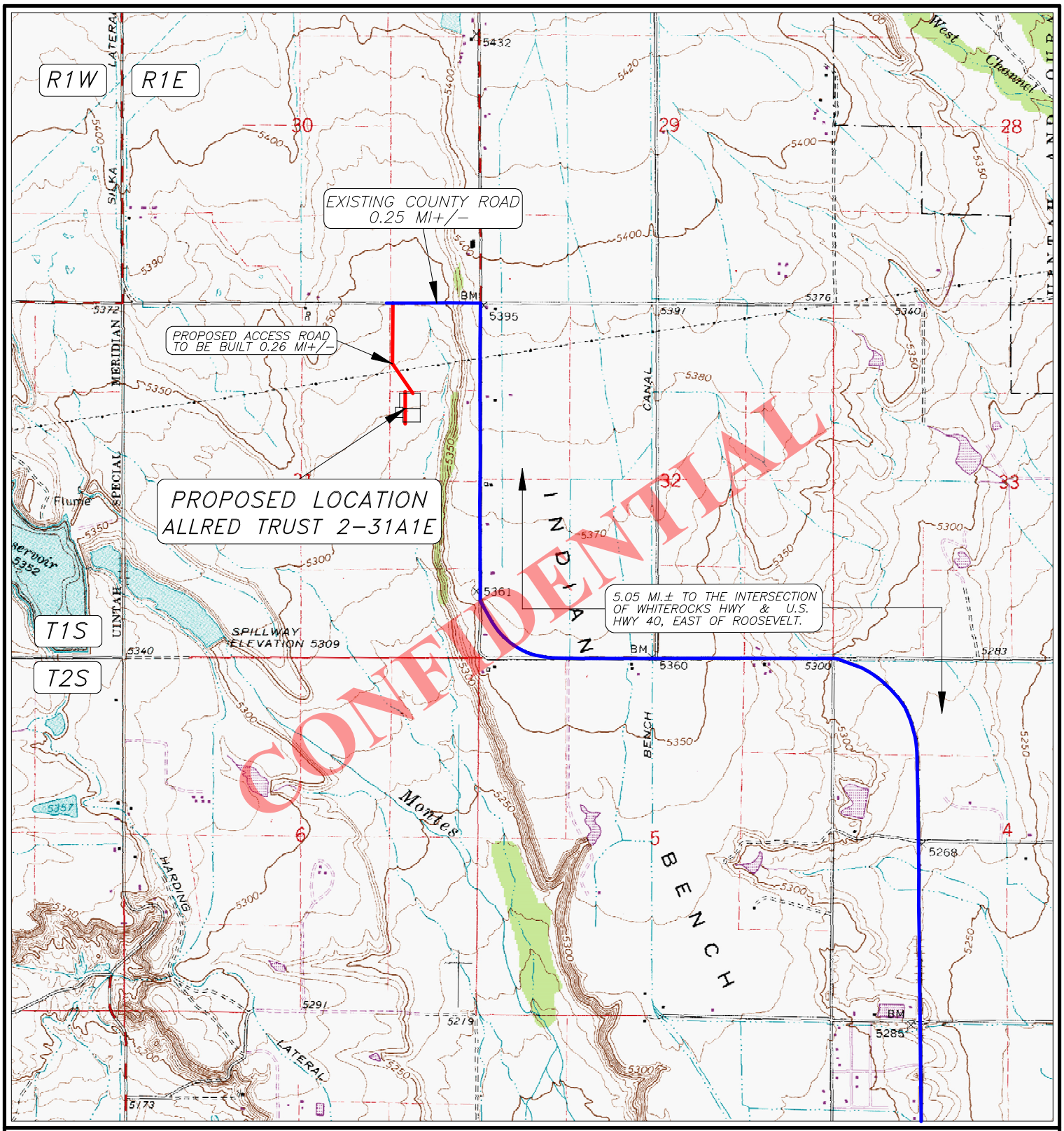


LEGEND:

- PROPOSED WELL LOCATION
- PROPOSED ACCESS ROAD
- EXISTING GRAVEL ROAD
- EXISTING PAVED ROAD

01-128-174

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

NORTH

EL PASO E & P COMPANY, L.P.

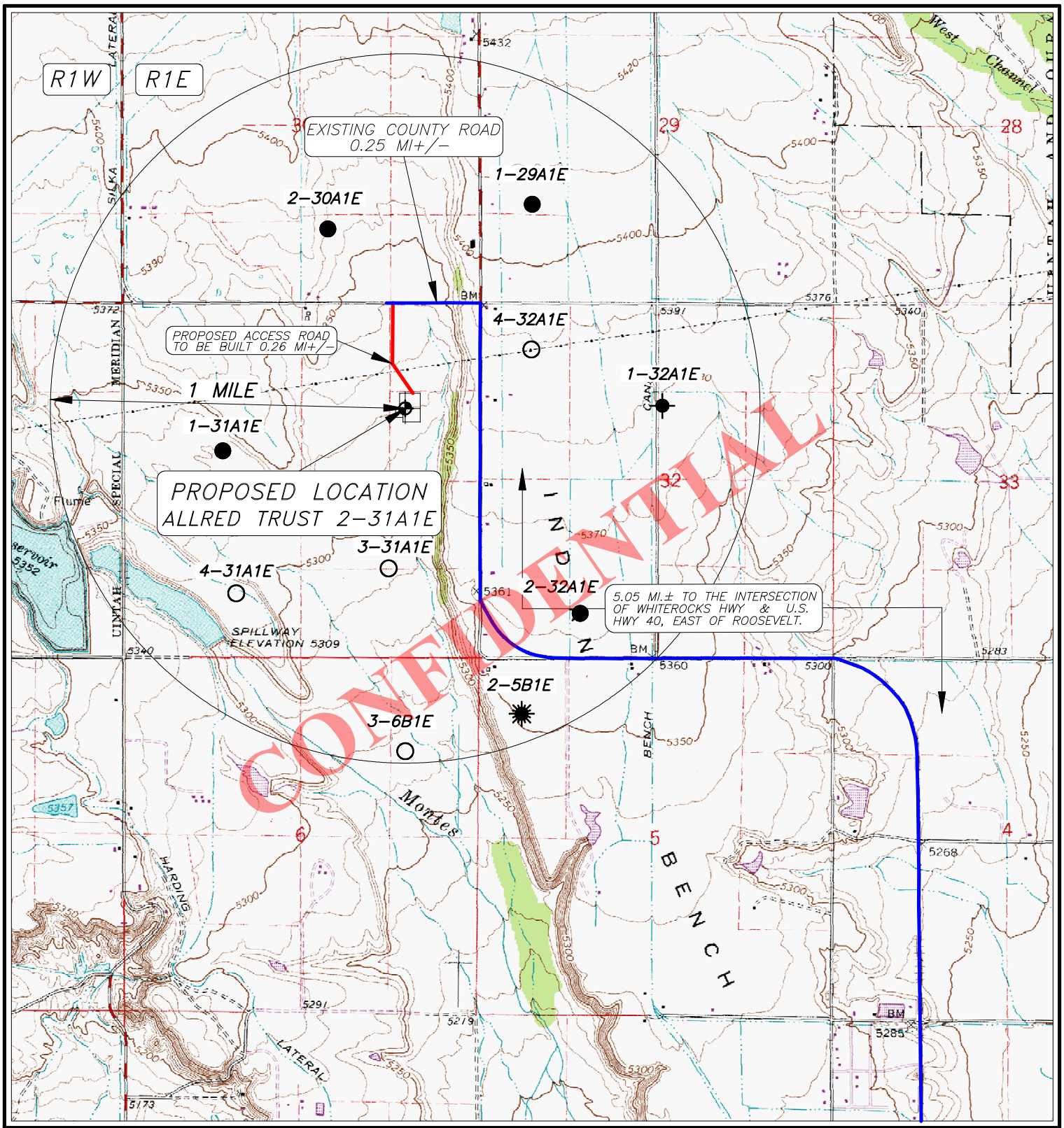
ALLRED TRUST 2-31A1E
SECTION 31, T1S, R1E, U.S.B.&M.
1569' FNL 1113' FEL

TOPOGRAPHIC MAP "B"

SCALE; 1"=2000'
16 AUG 2010

RECEIVED: July 22, 2012

API Well Number: 43047530020000



LEGEND:

PROPOSED WELL LOCATION

2-25C6

OTHER WELLS AS LOCATED FROM SUPPLIED MAP

01-128-174

JERRY D. ALLRED & ASSOCIATES
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NORTH

EL PASO E & P COMPANY, L.P.

ALLRED TRUST 2-31A1E
SECTION 31, T1S, R1E, U.S.B.&M.
1569' FNL 1113' FEL

TOPOGRAPHIC MAP "C"

SCALE; 1"=2000'
16 AUG 2010

RECEIVED: July 22, 2012

AFFIDAVIT OF FACTS

STATE OF UTAH §

COUNTY OF DUCHESNE §

Re: Damage Settlement & Release (DS&R) and Right-of-Way (ROW)
El Paso E&P Company, L.P., Operator
Allred Trust 2-31A1E, Oil & Gas Well
T1S-R1E, USM, Sec. 31: SE/4NE/4
Uintah County, Utah

WHEREAS, the undersigned, Byron Moos (affiant), who's mailing address is P.O. Box 3 Duchesne, UT 84021, being first duly sworn on oath, depose and say:

1. I am over the age of 21 and am an Independent Oil and Gas Landman, on contract to **Transcontinent Oil Company**, as agent for **El Paso E&P Company, L.P., 1001 Louisiana Street, Suite 2400, Houston, Texas 77002** ("El Paso").

2. El Paso is the Operator and owner of the mineral estate under oil and gas leases of the proposed Allred Trust 2-31A1E (the "well") to be located in the SE/4NE/4 of Section 31, Township 1 South, Range 1 East, USM, Uintah County, Utah (the "Drillsite Location") at a surveyed location of 1,113 feet from the East line and 1,569 feet from the North line of the said Section 31, where the Drillsite Location of 4.85 acres of land, more or less, is located. The location is on a tract of land known as Uintah County (Tax Roll) Serial # 13:031:0007 Uintah County, Utah ("Property").

3. While the minerals under the Property are owned by a number of individual fee mineral owners, the surface estate is owned by:

   Ardith B. Allred, Trustee of the Ardith B Allred Trust dated March 24, 2005
   RR 2 Box 2667
   Roosevelt, Utah 84066
   Phone 435-353-4691

4. On June 24, 2010 Cameron Moos (Landman for Land Professionals, Inc. on contract to El Paso E&P Company, Inc.) contacted Ardith B. Allred by telephone. Mrs. Allred stated that her son, Clark Allred was handling her affairs. Mr. Moos than attempted to contact Clark Allred by telephone but was connected to Mr. Allred's voice mail. Mr. Moos left a message for Mr. Allred asking him to return his call.

5. On June 29, 2010 Cameron Moos (Landman) spoke with Mr. Clark Allred (son of Ardith Allred) about the proposed Allred Trust 2-31A1E well and that he was sending out a letter explaining El Paso's desire to survey the Property to determine the best location on the Property for the proposed well site. Mr. Allred said to go ahead and send the letter but he wasn't sure about having a well site placed on his mother's property. The survey letter was sent to Mr. Allred this same day.

6. On July 7, 2010 Cameron Moos (Landman) contacted Mr. Clark Allred by telephone. Mr. Allred indicated that he did not want the survey to take place. He instead asked to meet with representatives from El Paso at the Property to look at the land. Mr. Moos contacted Wayne Garner (El Paso Construction Supervisor) to inquire if he would be available to meet with Mr. Allred at the Property to discuss the proposed well. Mr. Garner indicated that he would be available the following day to meet with Mr. Allred. Mr. Moos then contacted Mr. Allred and informed him that a representative from El Paso would meet with him the following afternoon at the Property. Mr. Allred indicated that he would be able to meet at that time.

7. On July 8, 2010 Wayne Garner (El Paso Construction Supervisor) met with Mr. Clark Allred (son of Ardith Allred) and discussed the proposed well site location.

8. On August 17, 2010 Jerry D. Allred and Associates (contract surveyor for El Paso E&P Company, L.P.) completed the survey report for the Allred Trust 2-31A1E proposed well site and access road right-of-way.

9. On August 19, 2010 Cameron Moos (Landman) informed Mr. Clark Allred that he was preparing the Damage Settlement and Release documents for the proposed well and he would be mailing them to him the next day.

10. On August 20, 2010 Cameron Moos (Landman) mailed the documents for the proposed well along with a monetary compensation offer for surface damages to Mr. Clark Allred.

11. On August 25, 2010 Mr. Clark Allred called Cameron Moos (Landman) and informed him that he was going to rewrite the Damage Settlement & Release document and send the rewritten document to him.

12. On September 4, 2010 Cameron Moos (Landman) received the rewritten Surface Access and Use Agreement from Mr. Clark Allred.

13. On September 9, 2010 Cameron Moos (Landman) forwarded the rewritten Surface Access and Use Agreement to the El Paso E&P Company, L.P. offices in Denver, Colorado for their review. Cameron Moos also contacted Mr. Clark Allred and arranged a meeting between Mr. Allred and Wayne Garner (Construction Supervisor) to take place on September 20, 2012 at the Property location.

14. On September 20, 2010 Wayne Garner (Construction Supervisor) met with Clark Allred (son of Ardith Allred) and discussed several issues relating to the placement of fencing around the completed well site.

15. On October 6, 2010 Cameron Moos (Landman) received instructions from the El Paso E&P Company, L.P. office in Denver regarding increasing the monetary compensation offer for surface damages to the Property while building the well site as well as proposed changes to the rewritten Surface Access and Use Agreement provided by Clark Allred.

16. On October 8, 2010 Cameron Moos (Landman) sent a letter to Clark Allred containing an increased monetary offer for the surface damages and some requested changes and additions to the language contained in the Surface Access and Use Agreement presented by Mr. Allred for this proposed well.

17. On October 26, 2010 Cameron Moos (Landman) received a telephone call from Clark Allred wherein Mr. Allred stated that the increased compensation offer for surface damages was insufficient and that he did not agree with any of El Paso's requested changes to the Surface Access and Use Agreement.

18. On November 11, 2010 Cameron Moos (Landman) turned this proposed well over to Byron Moos (Independent Landman under contract to Land Professionals, Inc.)

19. On December 3, 2010 Byron Moos (Landman) contacted Clark Allred to ask him for permission for Jerry D. Allred & Associates' surveyors to enter the Property to conduct a survey for a proposed well site access road that would cross the Property. Mr. Allred stated that he wanted to meet with representatives of El Paso on the Property before giving permission to survey. Mr. Allred also stated that he would be unavailable to meet with the representatives of El Paso until sometime after the Christmas season.

20. On March 15, 2012 David Allred (Landman) attempted to contact Clark Allred to inform him that El Paso would like to move forward with this well.

21. On March 27, 2012 David Allred (Landman) sent a letter to notify that we are moving forward with the process to obtain a permit.

22. On May 9, 2012 a proposed meeting was set up for the week of May 14th. El Paso is still in the process of obtaining an agreement but due to time restrictions feels that we must move forward.

23. On May 14, 2012 David Allred (Landman) spoke with Clark Allred, he stated that he would be out of town and would contact El Paso when he returned.

24. On May 30, 2012 David Allred (Landman) left a message at Clark Allred's office.

25. On September 30, 2013 Byron Moos (Landman) was instructed by EP Energy to once again commence negotiations toward reaching an agreement with Clark Allred for a surface use agreement for this proposed well site. Mr. Moos placed a telephone call to Mr. Allred and was connected to his voice mail. Mr. Moos left a message for Mr. Allred informing him of EP Energy's intention to restart negotiations for a surface use agreement.

26. On October 3, 2013 Byron Moos (Landman) called Mr. Clark Allred at his office. He was connected to Mr. Allred's voice mail and left a message for Mr. Allred.

27. On October 7, 2013 Byron Moos (Landman) received a call from Mr. Clark Allred. Mr. Allred stated that he had been on vacation but that he would locate the surface use agreement that he had previously prepared and then e-mail it to Mr. Moos.

28. On October 8, 2013 Byron Moos (Landman) received the surface use agreement from Mr. Clark Allred.

29. On October 15, 2013 Byron Moos (Landman) completed reviewing and reworking the surface use agreement received from Mr. Clark Allred. He then e-mailed a copy of the surface use agreement to Mr. Allred.

30. On October 21, 2013 Byron Moos (Landman) contacted Mr. Clark Allred to determine if Mr. Allred had reviewed the surface use agreement sent to him earlier. Mr. Allred said that he had not had time to review the document yet but that he hoped to review it by the end of the week. Mr. Moos also e-mailed a copy of the Memorandum of Surface Use Agreement document that will be filed in the county recorder's office for his review.

31. On October 29, 2013 Byron Moos (Landman) received an e-mail from Mr. Clark Allred wherein he questioned why the language specifying the type of pump to be used on the well site after drilling is completed had been removed. Mr. Allred also stated that one of his requirements for the wellsite to be on the Property was for him to have access to the Property from the north.

32. On October 30, 2013 Byron Moos (Landman) sent an e-mail to Mr. Clark Allred explaining why the language specifying what type of well pump to be used was removed. Mr. Moos also included in the e-mail suggested language to be used to replace the removed language.

33. On November 5, 2013 Byron Moos (Landman) sent an e-mail to Mr. Clark Allred stating that at the time negotiations for the wellsite were being conducted in 2010, EP Energy had a verbal agreement with the then owners of the tract of land to the north of the Property that would have allowed him to have access to the Property. However, in 2012 the tract of land to the north was purchased by the now current owner and that EP Energy was currently conducting negotiations with that surface owner for a right-of-way across his tract of land for access to the wellsite on the Property.

34. On November 8, 2013 Byron Moos (Landman) received an e-mail from Mr. Clark Allred wherein he stated that he would accept the revised well pump language. Mr. Clark also requested that EP Energy include in the right-of-way agreement being negotiated with the surface owner of the tract land to the north the right for him to use the road to access the Property and to be assigned the road if the well is abandoned.

35. On December 11, 2013 Byron Moos (Landman) called Mr. Clark Allred's office to try and secure an appointment with Mr. Allred for the next day. The receptionist suggested that Mr. Moos call back the next day as she was unsure at that time as to what Mr. Allred's schedule was for the next day.

36. On December 12, 2013 Byron Moos (Landman) called Mr. Clark Allred's office to schedule an appointment with Mr. Allred. The receptionist stated that Mr. Allred would return his call later that day. Mr. Allred called back later in the day. Mr. Moos than explained to Mr. Allred that EP Energy could not grant Mr. Allred permission to use the well site access road that ran across the tract of land to the north of the Property. The right-of-way that EP Energy would secure from that surface owner would be an exclusive right-of-way agreement between that surface owner and EP Energy; thereby granting EP Energy exclusive use of that access road. EP Energy could not give permission to Mr. Allred to use that access road. Mr. Allred replied that EP Energy could include language in the right-of-way agreement with the surface owner to the north that would give him permission to also use the access road. Mr. Moos conveyed this information to EP Energy's offices in Houston and was informed that EP Energy was in no position to be negotiating a right-of-way agreement for Mr. Allred. Mr. Moos than called Mr. Allred to set an appointment to meet with him to further explain EP Energy's position regarding the access road right-of-way. Mr. Allred replied that if the purpose of the appointment was for Mr. Moos telling him that EP Energy could not grant him access to the property on the road across the tract to the north, than he would not waste his or Mr. Moos' time with that appointment. If however, Mr. Moos wanted to meet with him to discuss the type of language to be included in the right-of-way agreement with the surface owner to the north that would allow him to use the access road then he would meet with Mr. Moos to do this.

37. On December 14, 2013 Byron Moos (Landman) received an e-mail from Mr. Clark Allred in which Mr. Allred reemphasized his requirement for access to the Property from the north before any approval of the wellsite on the Property would be forthcoming.

38. As of December 30, 2013, EP Energy has not been able to acquire a signed Surface Damage and Release Agreement for the proposed Allred Trust 2-31A1E well in Section 31, Township 1 South, Range 1 West, U.S.M.

NOW THEREFORE, the undersigned affiant Byron Moos, of lawful age, being first duly sworn, depose and say, that the above facts are true and correct to the best of his knowledge, further Affiant saith not. Signed this 30th day of December, 2013.

Byron Moos

By: Byron Moos, Affiant

ACKNOWLEDGEMENT

STATE OF UTAH §

COUNTY OF UTAH §

Before me, a Notary Public, in and for this state, on this 30th day of December, 2013, personally appeared Byron Moos, to me known to be the identical person who executed the within and foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed.

MICHAEL ERICKSON
Notary Public, State of Utah
Commission # 612609
My Commission Expires
August 10, 2015

NOTARY PUBLIC

EL PASO E&P COMPANY, L.P.

Related Surface Information

1. **Current Surface Use:**
   - Livestock Grazing and Oil and Gas Production.

2. **Proposed Surface Disturbance:**
   - The road will be crown and ditch. Water wings will be constructed on the access road as needed.
   - The topsoil will be windrowed and re-spread in the borrow area.
   - New road to be constructed will be approximately .26 miles in length and 66 feet wide.
   - All equipment and vehicles will be confined to the access road, pad and area specified in the APD.

3. **Location Of Existing Wells:**
   - Existing oil, gas wells within one (1) mile radius of proposed well are provided in EXHIBIT C.

4. **Location And Type Of Drilling Water Supply:**
   - Drilling water: Roosevelt City/Ballard City Water

5. **Existing/Proposed Facilities For Productive Well:**
   - There are no existing facilities that will be utilized for this well.
   - A pipeline corridor .26 miles will parallel the proposed access road. The corridor will contain one 4 inch gas line and one 2 inch gas line and one 2 inch Salt Water disposal line. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area; backsloping and contouring all cut and fill slopes. These areas will be reseeded. Refer to plans for reclamation of surface for details.
   - Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.

6. **Construction Materials:**
   - Native soil from road and location will be used for construction materials along with gravel and/or scoria road base material. In the event that conditions should necessitate graveling of all or part of the access road and location, surfacing materials will be purchased from commercial suppliers in the marketing area.

7. **Methods For Handling Waste Disposal:**
   - The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of ½ the total depth below the original ground surface on the lowest point with the pit. The pit will be lined with a 20-mil polyethylene to prevent leakage of fluids. The liner will be rolled into place and secured at the ends, i.e. buried on top of the pit berms. Prior to use, the reserve pit will be fenced on three sides; the fourth side will be fenced at the time the rig is removed. Drilling fluids, cuttings and produced water will be contained in the reserve pit (trash will be place in the trash cage). Fluids in the reserve pit will be allowed to evaporate prior to pit burial.
   - Garbage and other trash will be contained in the portable trash cage and hauled off the location to an authorized disposal site. Any trash on the pad will be cleaned up prior to the rig moving off location and hauled to an authorized disposal site.
   - Sewage will be handled in Portable Toilets.
   - Produced water will be placed in the reserve pit for a period not to exceed ninety days after initial production. Any hydrocarbons produced during completion work will be contained in test tanks and removed from the location at a later date.
   - Water from the reserve pit may be used for drilling of additional wells. The water will be trucked along access roads as approved in pertinent APD's

8. **Ancillary Facilities:**
   - There will be no ancillary facilities associated with this project.

RECEIVED: July 22, 2012

9. **Surface Reclamation Plans:**

Backfilling of the pits will be done when dry. In the event of a dry hole, the location will be re-contoured, the topsoil will be distributed evenly over the entire location, and the seedbed prepared.

- Seed will be planted after September 15th, and prior to ground frost, or seed will be planted after the frost has left and before May 15th. Slopes to steep for machinery will be hand broadcast and raked with twice the specified amount of seed.

1. The construction program and design are on the attached cut, fill and cross sectional diagrams.
2. Prior to construction, all topsoil will be removed from the entire site and stockpiled. Topsoil for this site is the first 6 inches of soil materials.
3. After the location has been reshaped and after redistributing the topsoil, the operator will rip and scarify the drilling platform and access road on the contour, to a depth of at least 12 inches.

- Rehabilitation will begin upon the completion of the drilling. Complete rehabilitation will depend on weather conditions and the amount of time required to dry the reserve pit.

1. All rehabilitation work including seeding will be completed as soon as weather and the reserve pit conditions are appropriate.
2. Landowner will be contacted for rehabilitation requirements.

10. **Surface Ownership:**

Ardith B. Allred, Trustee of the Ardith B Allred Trust dated March 24, 2005
RR 2 Box 2667
Roosevelt, Utah 84066
435-353-4691

Other Information:

- The surface soil consists of clay, and silt.
- Flora – vegetation consists of the following: Sagebrush, Juniper and prairie grasses.
- Fauna – antelope, deer, coyotes, raptors, small mammals, and domestic grazing animals.
- Current surface uses – Livestock grazing and mineral exploration and production.

- **Operator and Contact Persons:**

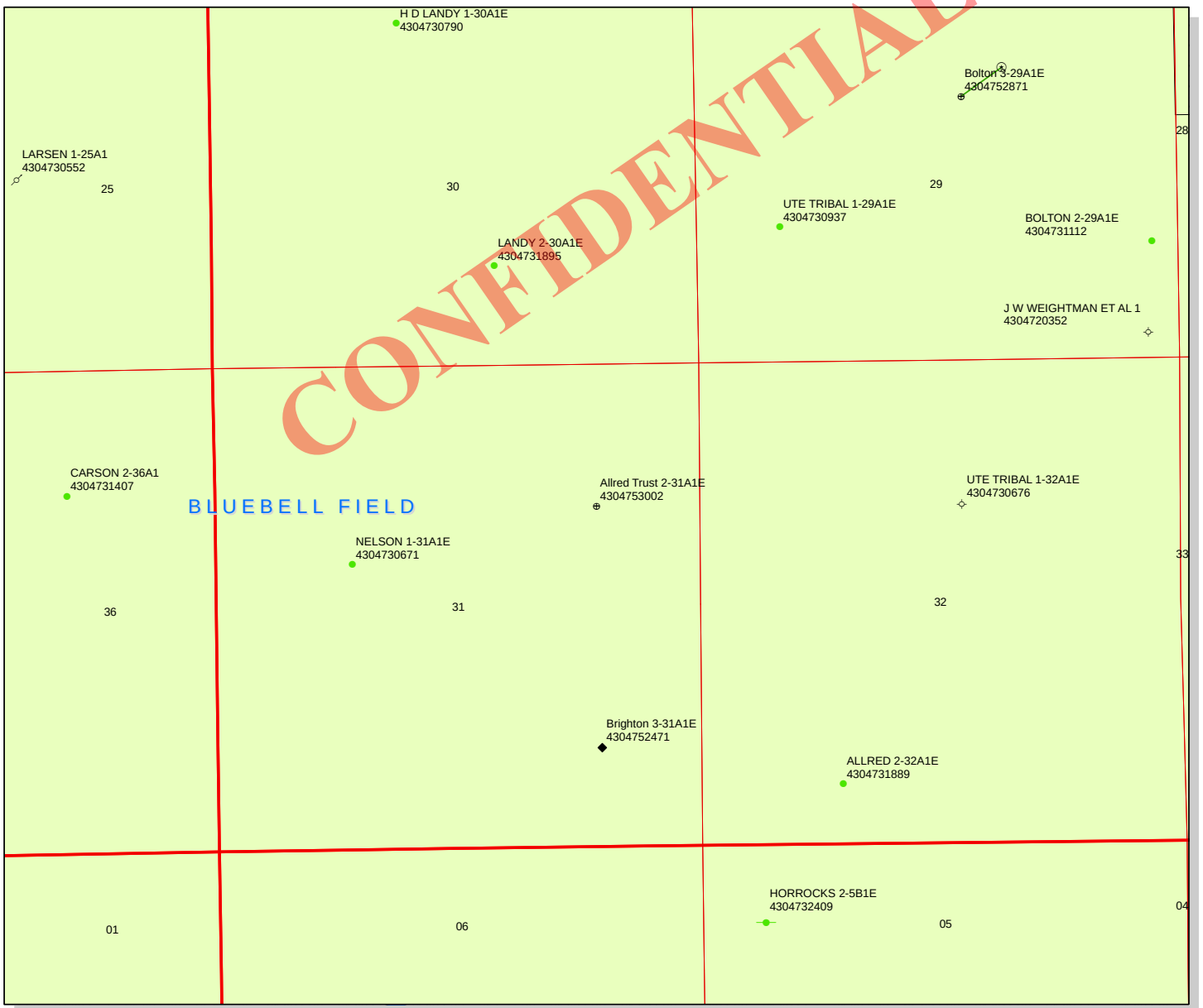
Construction and Reclamation:
EP Energy E & P Company
Wayne Garner
PO Box 410
Altamont, Utah 84001
435-454-3394 – Office
435-823-1490 – Cell

Regarding This APD
EP Energy E & P Company
Maria S. Gomez
1001 Louisiana, Rm 2730D
Houston, Texas 77002
713-997-5038 – Office

Drilling
EP Energy E & P Company
Joe Cawthorn – Drilling Engineer
1001 Louisiana, Rm 2523B
Houston, Texas 77002
713-997-5929 – office
832-465-2882 – Cell

RECEIVED: July 22, 2012

API Well Number: 43047530020000



API Number: 4304753002

Well Name: Allred Trust 2-31A1E

Township T01.0S Range R01.0E Section 31

Meridian: UBM

Operator: EP ENERGY E&P COMPANY, L.P.

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

Fields
STATUS
Unknown
ABANDONED
ACTIVE
COMBINED
INACTIVE
STORAGE
TERMINATED

Wells Query
Status
APD - Aproved Permit
DRL - Spuded (Drilling Commenced)
GIW - Gas Injection
GS - Gas Storage
LOC - New Location
OPS - Operation Suspended
PA - Plugged Abandoned
PGW - Producing Gas Well
POW - Producing Oil Well
SGW - Shut-in Gas Well
SOW - Shut-in Oil Well
TA - Temp. Abandoned
TW - Test Well
WDW - Water Disposal
WIW - Water Injection Well
WSW - Water Supply Well
Bottom Hole Location - OilGasDb

1,400 700 0 1,400 Feet

1:13,484

RECEIVED: July 25, 2012

API Well Number: 43047530020000

BOPE REVIEW EP ENERGY E&P COMPANY, L.P. Allred Trust 2-31A1E 43047530020000

Well Name	EP ENERGY E&P COMPANY, L.P. Allred Trust 2-31A1E 43047530020000			
String	COND	SURF	I1	L1
Casing Size(")	13.375	9.625	7.000	4.500
Setting Depth (TVD)	1000	5500	9630	13700
Previous Shoe Setting Depth (TVD)	0	1000	5500	9630
Max Mud Weight (ppg)	8.8	9.5	11.0	15.0
BOPE Proposed (psi)	1000	5000	5000	10000
Casing Internal Yield (psi)	2730	5750	11220	12410
Operators Max Anticipated Pressure (psi)	10046			14.1

Calculations	COND String	13.375	"	
Max BHP (psi)	.052*Setting Depth*MW=	458		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	338	YES	rotating head, WBM
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	238	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	238	NO	
Required Casing/BOPE Test Pressure=		1000	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi	*Assumes 1psi/ft frac gradient

Calculations	SURF String	9.625	"	
Max BHP (psi)	.052*Setting Depth*MW=	2717		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2057	YES	rotating head, Annular, WBM
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1507	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1727	NO	OK
Required Casing/BOPE Test Pressure=		4025	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		1000	psi	*Assumes 1psi/ft frac gradient

Calculations	I1 String	7.000	"	
Max BHP (psi)	.052*Setting Depth*MW=	5508		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	4352	YES	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	3389	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	4599	YES	OK
Required Casing/BOPE Test Pressure=		7854	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		5500	psi	*Assumes 1psi/ft frac gradient

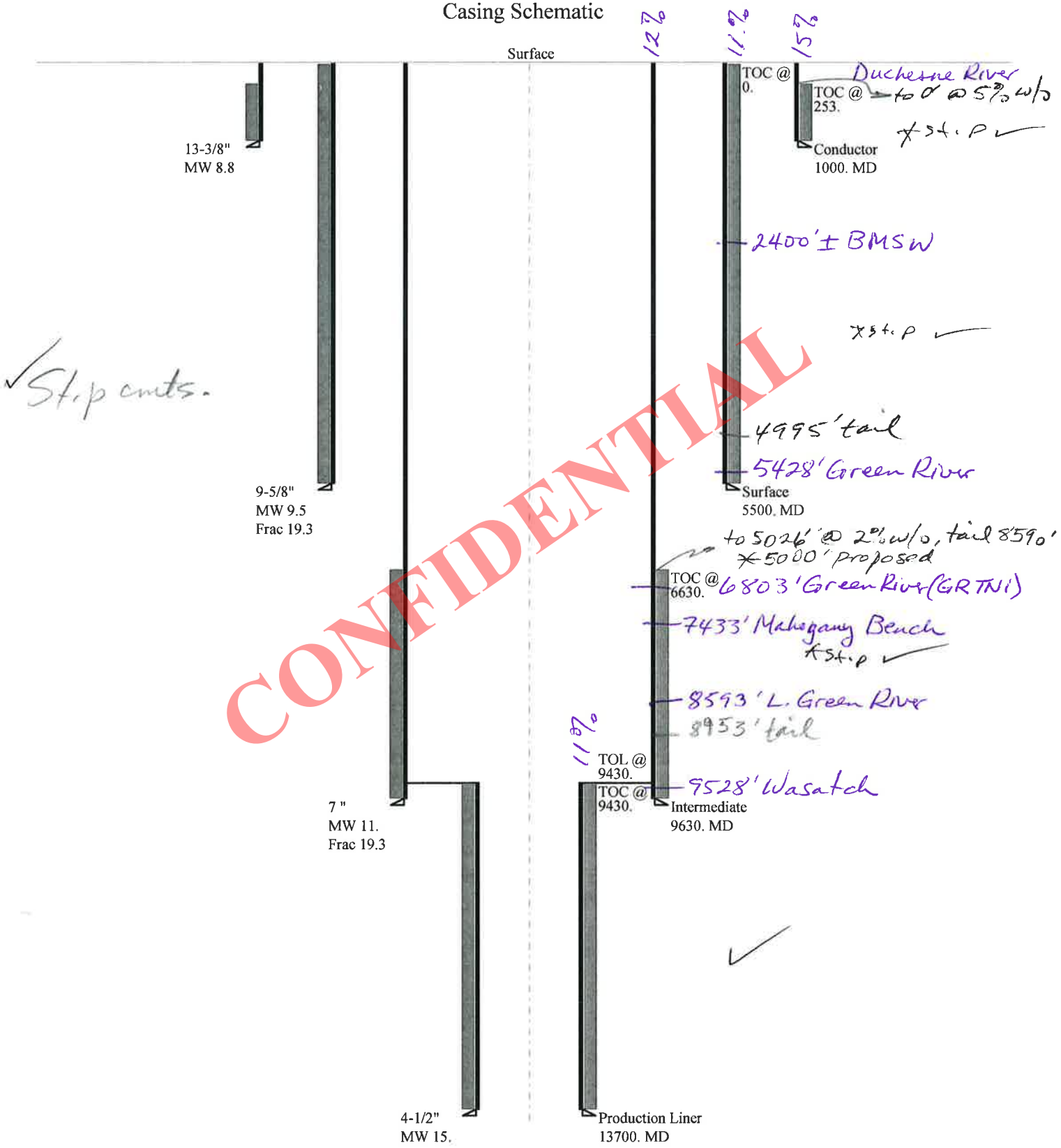
Calculations	L1 String	4.500	"	
Max BHP (psi)	.052*Setting Depth*MW=	10686		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	9042	YES	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	7672	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	9791	NO	
Required Casing/BOPE Test Pressure=		8687	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		9630	psi	*Assumes 1psi/ft frac gradient

RECEIVED: October 18, 2012

API Well Number: 43047530020000

43047530020000 Allred Trust 2-31A1E

Casing Schematic



API Well Number: 43047530020000

Well name:	**43047530020000 Allred Trust 2-31A1E**
Operator:	**EP ENERGY E&P COMPANY, L.P.**
String type:	Conductor
Project ID:	43-047-53002
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 8.800 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 337 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 457 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 870 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 88 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 253 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	1000	13.375	54.50	J-55	ST&C	1000	1000	12.49	12408

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	457	1130	2.472	457	2730	5.97	47.4	514	10.84 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: September 26,2012
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.8 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

API Well Number: 43047530020000

Well name:	**43047530020000 Allred Trust 2-31A1E**
Operator:	**EP ENERGY E&P COMPANY, L.P.**
String type:	Surface
Project ID:	43-047-53002
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 4,347 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 5,007 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 4,723 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 151 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: Surface

Non-directional string.

Re subsequent strings:
Next setting depth: 9,630 ft
Next mud weight: 11.000 ppg
Next setting BHP: 5,503 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 5,500 ft
Injection pressure: 5,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	5500	9.625	40.00	N-80	LT&C	5500	5500	8.75	69983

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2714	3090	1.138	5007	5750	1.15	188.9	737	3.90 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: September 26,2012
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 5500 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**43047530020000 Allred Trust 2-31A1E**
Operator:	**EP ENERGY E&P COMPANY, L.P.**
String type:	Intermediate
Project ID:	43-047-53002
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 11.000 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 7,511 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 9,630 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 8,027 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 209 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 6,630 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 13,700 ft
Next mud weight: 15.000 ppg
Next setting BHP: 10,675 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 9,630 ft
Injection pressure: 9,630 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	9630	7	29.00	P-110	LT&C	9630	9630	6.059	108748

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	5503	8530	1.550	9630	11220	1.17	279.3	797	2.85 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: October 12,2012
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 9630 ft, a mud weight of 11 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

API Well Number: 43047530020000

Well name:	**43047530020000 Allred Trust 2-31A1E**
Operator:	**EP ENERGY E&P COMPANY, L.P.**
String type:	Production Liner
Project ID:	43-047-53002
Location:	UINTAH COUNTY

Design parameters:

Collapse

Mud weight:	15.000 ppg
Internal fluid density:	2.330 ppg

Burst

Max anticipated surface pressure:	7,661 psi
Internal gradient:	0.220 psi/ft
Calculated BHP	10,675 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor	1.125

Burst:

Design factor	1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.60 (B)

Tension is based on air weight.
Neutral point: 12,748 ft

Environment:

H2S considered?	No
Surface temperature:	74 °F
Bottom hole temperature:	266 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	1,000 ft
Cement top:	9,430 ft
Liner top:	9,430 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	4300	4.5	13.50	P-110	LT&C	13700	13700	3.795	24095

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	9017	10680	1.184	10675	12410	1.16	58	338	5.82 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: September 26,2012
Salt Lake City, Utah

Remarks:
For this liner string, the top is rounded to the nearest 100 ft.Collapse is based on a vertical depth of 13700 ft, a mud weight of 15 ppg An Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator	EP ENERGY E&P COMPANY, L.P.				
Well Name	Allred Trust 2-31A1E				
API Number	43047530020000	**APD No**	6478	**Field/Unit**	BLUEBELL
Location: 1/4,1/4	SENE **Sec** 31 **Tw** 1.0S **Rng** 1.0E 1569 FNL 1113 FEL				
GPS Coord (UTM)	591687 4467827	**Surface Owner**	Ardith B. Allred, Trustee of the Ardith B Allred Trust		

Participants

Clark Allred (Executor of Allred Trust); David Allred, Jarred Thacker (EP Energy); Jerry Allred (Jerry D. Allred & Associates Surveying Consultants); David Hackford (DOGM).

Regional/Local Setting & Topography

This site is in an area that is irrigated pasture land used primarily for cattle grazing. It is generally flat and level draining gradually to the south. Indian Bench which runs north to south is approx. 900' to the east. A paved county road runs along the top of this bench (Whiterocks Highway). There are numerous seasonal seaps and springs along the base of this bench. Montez Reservoir and Roberts Pond are located one mile to the southwest. There are numerous canals and irrigation ditches in this entire area. The closest dwelling is approx. 1000' to the east.

Surface Use Plan

Current Surface Use
Agricultural
Grazing

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.25	**Width** 335 **Length** 425	Offsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

This area is irrigated pasture covered with a variety of grasses, and is used to graze cattle.

Soil Type and Characteristics

Sandy clay loam.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues Y

RECEIVED: March 12, 2014

This site is extremely boggy at times. It will be necessary to haul in several feet of base to construct a location and access road.

Drainage Diverson Required? N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? **Paleo Potental Observed?** N **Cultural Survey Run?** **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)		20
Distance to Surface Water (feet)	300 to 1000	2
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	300 to 1320	10
Native Soil Type	Low permeability	0
Fluid Type	TDS>5000 and	10
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Present	15
	Final Score	57 1 Sensitivity Level

Characteristics / Requirements

Reserve pit will be in an area of cut on the west side of the location. It will be 110' by 150' and 12' deep.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

EP Energy does not have a signed landowner agreement at this time.

David Hackford	8/23/2012
Evaluator	**Date / Time**

RECEIVED: March 12, 2014

Application for Permit to Drill
Statement of Basis
Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
6478	43047530020000	LOCKED	OW	P	No

Operator	EP ENERGY E&P COMPANY, L.P.	**Surface Owner-APD**	Ardith B. Allred, Trustee of the Ardith B Allred Trust
Well Name	Allred Trust 2-31A1E	**Unit**	
Field	BLUEBELL	**Type of Work**	DRILL
Location	SENE 31 1S 1E U 1569 FNL 1113 FEL GPS Coord (UTM) 591683E 4467832N		

Geologic Statement of Basis

EP Energy proposes to set 1,000 feet of conductor and 4,600 feet of surface casing at this location. The conductor and surface hole will be drilled with fresh water mud. The depth to the base of the moderately saline ground water is estimated to be 2,400 feet. A search of Division of Water Rights records indicates that there are 31 water wells within a 10,000 foot radius of the center of Section 31. These wells range in depth from 22 to 660 feet. Depth is not listed for 3 wells. Listed uses are domestic, irrigation, stock watering, municipal and industrial. This location lies on alluvial valley fill derived from the Duchesne River Formation. Water may be found in the Duchesne River Formation and alluvium deposited in valley floors. Deeper wells may be producing water from the Uinta Formation. The proposed casing and cement should adequately protect ground water in this area.

Brad Hill — **APD Evaluator**

9/25/2012 — **Date / Time**

Surface Statement of Basis

This site is irrigated pasture land and is seasonally very boggy. It will be necessary to haul in several feet of fill to construct a stable pad to support a drilling rig and other equipment. The access road will also require road base. Water will very likely be encountered while digging the reserve pit and this water wil have to be removed before lining the pit. EP Energy has encountered these problems in the past is this same area and have done an adaquate job of location construction.

Mr. Clark Allred (Executor of Allred Trust) represented landowners at this meeting. Mr. David Allred and Mr. Jarred Thacker represented EP Energy. Clark Allred stated that he had numerous concerns concerning this well site, but the only one he would discuss was the fact that it would be in sight of his Mother's house which is approx. 1000' to the east, and is the closest dwelling. I asked Clark Allred if he would prefer this site be moved to another area, and he wouldn't discuss it. Mr David Allred told Mr. Clark Allred that EP Energy would remove and replace any fences as Mr. Clark Allred directed. EP would fence the location, and install cattle guards or gates at Mr. Clark Allred direction. Mr. Clark Allred would not discuss this issue either. Mr. David Allred stated that four years ago Mr. Clark Allred leased the mineral rights to this property to EP Energy, and because of that should realize a well would be drilled.

If the proper steps are taken while constructing the location, this site is as good a site for a well as any in the area.

RECEIVED: March 12, 2014

David Hackford	8/23/2012
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

RECEIVED: March 12, 2014

API Well Number: 43047530020000

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/22/2012 **API NO. ASSIGNED:** 43047530020000

WELL NAME: Allred Trust 2-31A1E

OPERATOR: EP ENERGY E&P COMPANY, L.P. (N3850) **PHONE NUMBER:** 713 997-5038

CONTACT: Maria S. Gomez

PROPOSED LOCATION: SENE 31 010S 010E **Permit Tech Review:** ☑

SURFACE: 1569 FNL 1113 FEL **Engineering Review:** ☑

BOTTOM: 1569 FNL 1113 FEL **Geology Review:** ☑

COUNTY: UINTAH

LATITUDE: 40.35602 **LONGITUDE:** -109.92031

UTM SURF EASTINGS: 591683.00 **NORTHINGS:** 4467832.00

FIELD NAME: BLUEBELL

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER(LWR)-WASATCH

SURFACE OWNER: 4 - Fee **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** STATE - 400JU0708
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** Roosevelt City / Ballard City
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 139-84

Effective Date: 12/31/2008

Siting: 660' Fr Drl U Bdry & 1320' Fr Other Wells

- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
2 - Surface Agreement Exception - BHILL
5 - Statement of Basis - bhill
8 - Cement to Surface -- 2 strings - ddoucet
12 - Cement Volume (3) - ddoucet

RECEIVED: March 12, 2014

GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill
****

Well Name: Allred Trust 2-31A1E
API Well Number: 43047530020000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 3/12/2014

Issued to:
EP ENERGY E&P COMPANY, L.P., 1001 Louisiana, Houston, TX 77002

Authority:
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-84. The expected producing formation or pool is the GREEN RIVER(LWR)-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Exception Location:
In accordance with Rule R649-3-34(9), the Division of Oil, Gas and Mining shall establish minimum wellsite restoration requirements for this well. Prior to plugging and abandonment of this well, the operator shall notify the Division and allow the Division to establish such minimum wellsite restoration requirements in advance of the operator commencing plugging and abandonment operations.

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volumes for the 13 3/8" and 9 5/8" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface.

Cement volume for the 7" intermediate string shall be determined from actual hole

diameter in order to place cement from the pipe setting depth back to 5000' MD as indicated in the submitted drilling plan.

Additional Approvals:
The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
  at http://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
  - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
Allred Trust 2-31A1E

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43047530020000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
BLUEBELL

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1569 FNL 1113 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SENE Section: 31 Township: 01.0S Range: 01.0E Meridian: U

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 4/29/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Change the setting depth of the 13 3/8" from 1000' to 700'. Change the setting on the 9 5/8" from 5500' MD/TVD to 3200 TVD and the 7" change from 9630' MD/TVD to 10000' TVD. The liner depth is to stay at 13700 TVD. The MD setting of TVD directional will be about 30' deeper than TVD. The approval for the directional well will be requested on a separate sundry.

Approved by the Utah Division of Oil, Gas and Mining

Date: April 30, 2014

By: Dark K Quist

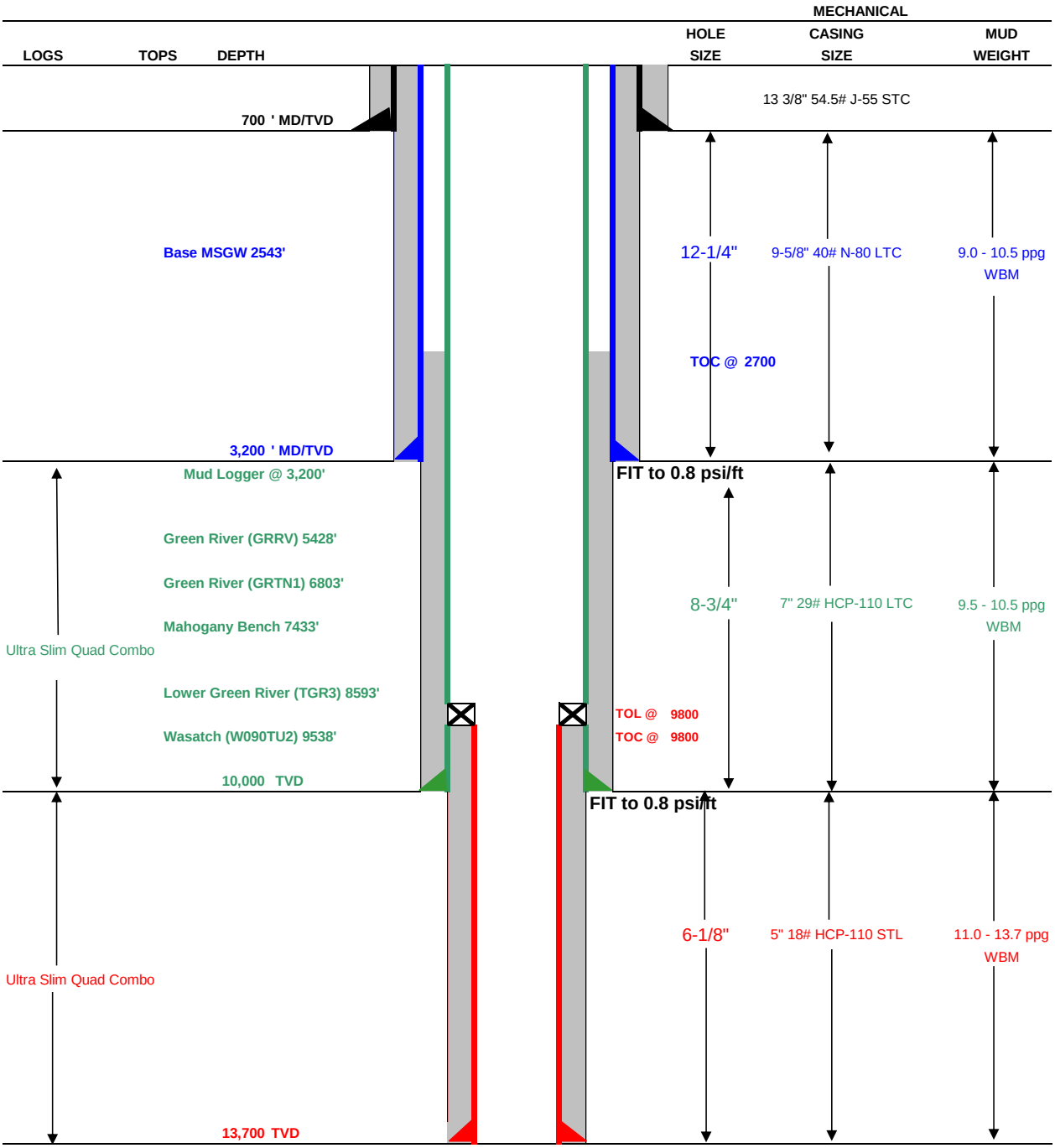
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE		**DATE**
N/A		4/29/2014

RECEIVED: Apr. 29, 2014

EP ENERGY

Drilling Schematic

Company Name:	EP ENERGY	**Date:**	April 30, 2014
Well Name:	Allred Trust 2-31A1E	**TD:**	13,700
Field, County, State:	Altamont, Uintah, Utah	**AFE #:**	TBD
Surface Location:	Sec 31 T1S R1E 1554' FNL 1186' FEL	**BHL:**	Sec 31 T1S R1E 1200' FNL 1200' FEL
Objective Zone(s):	Green River, Wasatch	**Elevation:**	5327
Rig:	Precision 406	**Spud (est.):**	TBD
BOPE Info:	4.5 x 13 3/8 Diverter System w/ rotating head from 700' to 3,200' 11 10M BOPE w/ rotating head & 5M annular from 3,200' to 10,000' 11 10M BOPE w/ rotating head, spacer spool, 5M annular, flex rams, blind rams, single w/ flex rams from 10,000' to TD		



DRILLING PROGRAM

CASING PROGRAM	SIZE	INTERVAL		WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0	700	54.5	J-55	STC	2,740	1,130	514
SURFACE	9-5/8"	0	3200	40.00	N-80	LTC	5,750	3,090	737
INTERMEDIATE	7"	0	10000	29.00	HCP-110	LTC	11,220	9,750	797
PRODUCTION LINER	5"	9800	13700	18.00	HCP-110	STL	13,940	15,450	495

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		700	Class G + 3% CACL2	879	100%	15.8 ppg	1.15
SURFACE	Lead	2,700	EXTENDACEM SYSTEM: Type V Cement + 5 lbm/sk Silicalite Compacted + 0.25 lbm/sk Kwik Seal + 0.125 lbm/sk Poly-E-Flake + 2% Bentonite	427	75%	11.0 ppg	3.16
	Tail	500	HALCEM SYSTEM: Class G Cement + 3 lbm/sk Silicalite Compacted + 1% Salt + 0.3% Econolite + 0.25 lbm/sk Poly-E-Flake + 0.25 lbm/sk Kwik Seal + 0.5% HR-5	194	50%	14.3 ppg	1.31
INTERMEDIATE	Lead	5,400	EXPANDACEM SYSTEM: 6% Bentonite + 0.2% Econolite + 0.3% Versaset + 0.7% HR-5 + 0.3% Super CBL + 0.2% Halad(R)-322 + 0.125 lbm/sk Poly-E-Flake	466	10%	12.5 ppg	1.91
	Tail	1,900	BONDCEM SYSTEM: Class G Cement + 4% Bentonite + 0.25 Poly-E-Flake + 0.1% Halad-413 + 5 lb/sk Silicalite Compacted + 0.15% SA-1015 + 0.5% HR-5	196	10%	13.0 ppg	1.65
PRODUCTION LINER		3,900	EXTENDACEM SYSTEM: Class G Cement + 0.3% Super CBL + 0.6% SCR-100 + 0.3% Halad-413 + 0.125 lbm/sk Poly-E-Flake + 3 lbm/sk Silicalite Compacted + 20% SSA-1 + 0.1% SA-1015	231	25%	14.20	1.47

FLOAT EQUIPMENT & CENTRALIZERS	
CONDUCTOR	PDC drillable guide shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing.
SURFACE	PDC drillable guide shoe, 1 joint casing, PDC drillable float collar & Stage collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter.
INTERMEDIATE	PDC drillable 10M,P-110 float shoe, 1 joint, PDC drillable 10M, P-110 float collar. Thread lock all float equipment. Maker joint at 8,500'.
LINER	Float shoe, 1 joint, float collar, 1 joint, landing collar. Thread lock all FE. Maker joints every 1000'.

PROJECT ENGINEER(S): Brad MacAfee 713-997-6383

MANAGER: Bob Dodd

RECEIVED: Apr. 30, 2014

[redacted]

Alexis Huefner < alexishuefner@utah.gov>

24hr Notice Spud, Run & Cement Casing

1 message

LANDRIG009 (Precision 406) < LANDRIG009@epenergy.com> Sun, May 4, 2014 at 3:40 PM

To: "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, David Hackford <davidhackford@utah.gov>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Dodd, Robert W" <Robert.Dodd@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Walt, Michael Joseph" <Michael.Walt@epenergy.com>

RE: EP Energy LLC

Allred Trust 2-31A1E

API # 43047530020000

Bluebell Field

Uintah County , UT

1569 FNL 1113 FEL

SENE 31 1S 1E

CONFIDENTIAL

Leon Ross Drilling Rig 26 spudded the well @ 14:00 hrs 5/4/2014 & plan on running & cementing 13-3/8" 54.5# J-55 STC Conductor casing to +/- 700' within 24hrs.

Regards,

Tony Wilkerson

Wellsite Supervisor

EP Energy / PD 406

713-997-1220 (Rig)

318-715-7602 (Cell)

Alexis Huefner < alexishuefner@utah.gov>

24hr Notice Spud, Run & Cement Casing

1 message

LANDRIG009 (Precision 406) < LANDRIG009@epenergy.com> Sun, May 11, 2014 at 11:50 AM

To: "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, David Hackford <davidhackford@utah.gov>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Dodd, Robert W" <Robert.Dodd@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Walt, Michael Joseph" <Michael.Walt@epenergy.com>

RE: EP Energy LLC

Allred Trust 2-31A1E 1S 1E 31

API # 43047530020000

Bluebell Field

Uintah County , UT

We spudded the well @ 06:30 hrs 5/11/2014 & plan on running & cementing 9-5/8" 40# N-80 LTC Surface casing to +/- 3,200' within 24hrs.

Regards,

Tony Wilkerson

Wellsite Supervisor

EP Energy / PD 406

713-997-1220 (Rig)

318-715-7602 (Cell)

CONFIDENTIAL

Carol Daniels <caroldaniels@utah.gov>

SENE S-31 T01S R01E

EP ENERGY / ALLRED TRUST 2-31A1E / RUN & CMT 7" CSG - BOP & CSG TEST NOTIFICATION

1 message

LANDRIG009 (Precision 406) <LANDRIG009@epenergy.com> Fri, May 23, 2014 at 10:11 AM
To: "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, David Hackford <davidhackford@utah.gov>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Dodd, Robert W" <Robert.Dodd@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Walt, Michael Joseph" <Michael.Walt@epenergy.com>

EP ENERGY / RUN & CMT 7" INT CSG / TEST BOPE & CSG

EP ENERGY

ALLRED TRUST 2-31A1E - FEE LEASE

API # 43047530020000

BLUEBELL FIELD

DUCHESNE COUNTY

We TD the 8 3/4" intermediate hole @ 9970' @ 6:00 AM 5-22-14. We are currently running logs and will start running 7" 29# HCP110 csg in a few hours. We anticipate starting 7" csg cement operations @ 1:00 PM 5-24-14. We also anticipate testing BOPE & 7"csg starting 2:00 AM 5-25-14. If any other information is required please contact us @ the numbers below.

Thanks,

Thanks,

Roy Derden / Morgan Harden

EP Energy / PD 406

713-997-1215 (Rig)

903-229-2878 (Cell)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: Allred Trust 2-31A1E

2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.

9. API NUMBER: 43047530020000

3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002

PHONE NUMBER: 713 997-5038 Ext

9. FIELD and POOL or WILDCAT: BLUEBELL

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1554 FNL 1186 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 31 Township: 01.0S Range: 01.0E Meridian: U

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 5/5/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached. Changing to directional.

Approved by the Utah Division of Oil, Gas and Mining

Date: July 30, 2014

By: Dark K Quist

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE N/A		**DATE** 6/4/2014

RECEIVED: Jun. 04, 2014

The Utah Division of Oil, Gas, and Mining

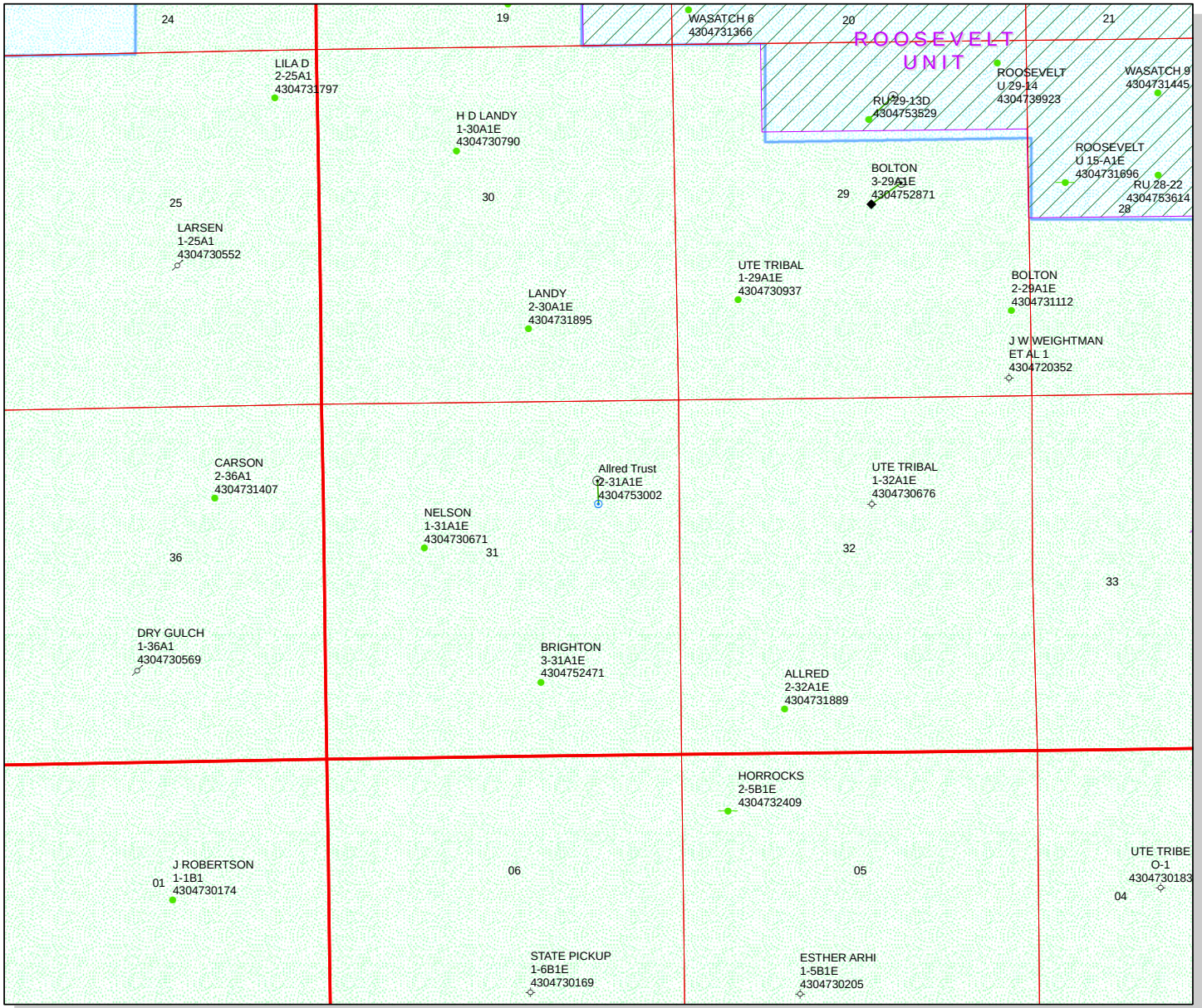
- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047530020000

Cement volume for the 7" intermediate string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 2740' MD and tail cement back to 8075' MD as indicated in the submitted drilling plan.

RECEIVED: Jul. 30, 2014



API Number: 4304753002

Well Name: Allred Trust 2-31A1E

Township: T01.0S Range: R01.0E Section: 31 Meridian: U

Operator: EP ENERGY E&P COMPANY, L.P.

Map Prepared: 6/26/2014
Map Produced by Diana Mason

Wells Query

Status

- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

Units

STATUS

- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields

STATUS

- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED

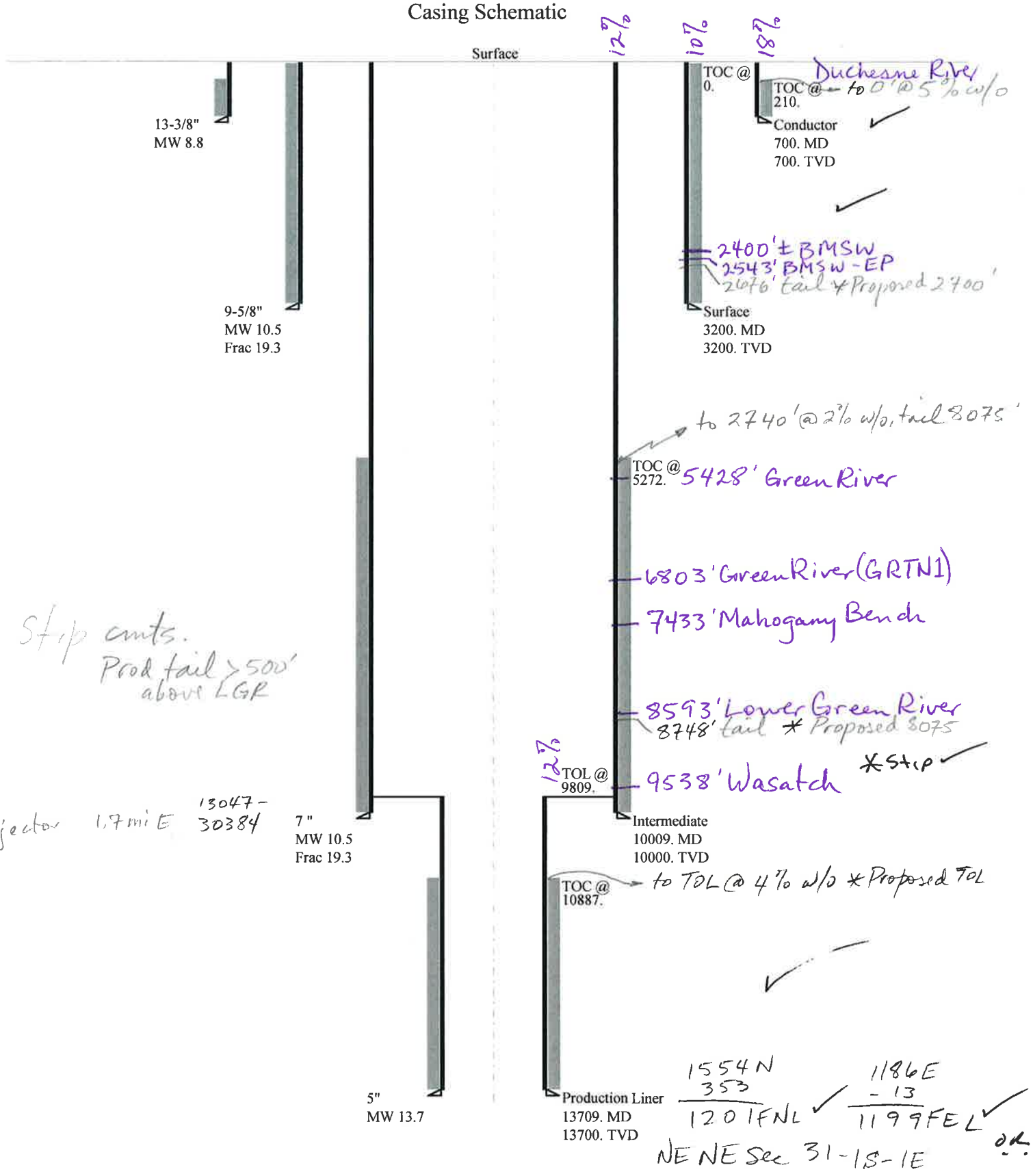
1,900 950 0 1,900 Feet

1:18,419

RECEIVED: Jun. 26, 2014

43047530020000 Allred Trust 2-31A1Erev

Casing Schematic



Well name:	**43047530020000 Allred Trust 2-31A1Erev**
Operator:	**EP ENERGY E&P COMPANY, L.P.**
String type:	Conductor
Project ID:	43-047-53002
Location:	UINTAH COUNTY

Design parameters:

Collapse
- Mud weight: 8.800 ppg
- Design is based on evacuated pipe.

Burst
- Max anticipated surface pressure: 236 psi
- Internal gradient: 0.120 psi/ft
- Calculated BHP 320 psi
- No backup mud specified.

Minimum design factors:

Collapse:
- Design factor 1.125

Burst:
- Design factor 1.00

Tension:
- 8 Round STC: 1.80 (J)
- 8 Round LTC: 1.70 (J)
- Buttress: 1.60 (J)
- Premium: 1.50 (J)
- Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 609 ft

Environment:
- H2S considered? No
- Surface temperature: 74 °F
- Bottom hole temperature: 84 °F
- Temperature gradient: 1.40 °F/100ft
- Minimum section length: 100 ft
- Cement top: 210 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	700	13.375	54.50	J-55	ST&C	700	700	12.49	8686

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	320	1130	3.531	320	2730	8.53	33.2	514	15.49 J

Prepared by: Helen Sadik-Macdonald, Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: July 28,2014
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 700 ft, a mud weight of 8.8 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**43047530020000 Allred Trust 2-31A1Erev**
Operator:	**EP ENERGY E&P COMPANY, L.P.**
String type:	Surface
Project ID:	43-047-53002
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 10.500 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 2,816 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 3,200 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 2,700 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 119 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: Surface

Non-directional string.

Re subsequent strings:
Next setting depth: 10,000 ft
Next mud weight: 10.500 ppg
Next setting BHP: 5,454 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 3,200 ft
Injection pressure: 3,200 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	3200	9.625	40.00	N-80	LT&C	3200	3200	8.75	40719

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1745	3090	1.770	3200	5750	1.80	108	737	6.82 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: July 28,2014
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 3200 ft, a mud weight of 10.5 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**43047530020000 Allred Trust 2-31A1Erev**
Operator:	**EP ENERGY E&P COMPANY, L.P.**
String type:	Intermediate
Project ID:	43-047-53002
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 10.500 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 6,741 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 8,940 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 8,418 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 214 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 5,272 ft

Directional Info - Build & Drop
Kick-off point 3250 ft
Departure at shoe: 354 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: .01 °

Re subsequent strings:
Next setting depth: 13,709 ft
Next mud weight: 13.700 ppg
Next setting BHP: 9,757 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 10,009 ft
Injection pressure: 10,009 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	10009	7	29.00	HCP-110	LT&C	10000	10009	6.059	113028

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	5454	9148	1.677	8940	11220	1.25	290	797	2.75 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: July 28,2014
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 10000 ft, a mud weight of 10.5 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**43047530020000 Allred Trust 2-31A1Erev**
Operator:	**EP ENERGY E&P COMPANY, L.P.**
String type:	Production Liner
Project ID:	43-047-53002
Location:	UINTAH COUNTY

Design parameters:

Collapse
- Mud weight: 13.700 ppg
- Internal fluid density: 2.330 ppg

Burst
- Max anticipated surface pressure: 6,736 psi
- Internal gradient: 0.220 psi/ft
- Calculated BHP 9,750 psi

No backup mud specified.

Minimum design factors:

Collapse:
- Design factor 1.125

Burst:
- Design factor 1.00

Tension:
- 8 Round STC: 1.80 (J)
- 8 Round LTC: 1.80 (J)
- Buttress: 1.60 (J)
- Premium: 1.50 (J)
- Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 12,894 ft

Environment:
- H2S considered? No
- Surface temperature: 74 °F
- Bottom hole temperature: 266 °F
- Temperature gradient: 1.40 °F/100ft
- Minimum section length: 1,000 ft
- Cement top: 10,887 ft
- Liner top: 9,809 ft

Directional Info - Build & Drop
- Kick-off point 3250 ft
- Departure at shoe: 354 ft
- Maximum dogleg: 1.5 °/100ft
- Inclination at shoe: 0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	3909	5	18.00	HCP-110	ST-L	13700	13709	4.151	309593

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	8092	15360	1.898	9750	13940	1.43	70.4	341	4.85 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: July 28,2014
Salt Lake City, Utah

Remarks:
For this liner string, the top is rounded to the nearest 100 ft.Collapse is based on a vertical depth of 13700 ft, a mud weight of 13.7 ppg An Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

BOPE REVIEW

EP Energy Allred Trust 2-31A1rev API 43-047-53002-0000

Well Name	EP Energy Allred Trust 2-31A1rev API 43-047-53002-0000			
	String 1	String 2	String 3	String 4
Casing Size (")	13 3/8	9 5/8	7	5
Setting Depth (TVD)	700	3200	10000	13700
Previous Shoe Setting Depth (TVD)	0	700	3200	10000
Max Mud Weight (ppg)	9	9.4	10.6	13.5
BOPE Proposed (psi)	1000	1000	10000	10000
Casing Internal Yield (psi)	2730	5750	11220	13940
Operators Max Anticipated Pressure (psi)	9760			13.7 ppg

Calculations	String 1	13 3/8 "		
Max BHP [psi]	.052*Setting Depth*MW =	328		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	244	YES	4.5" by 20" rotating head
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	174	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	174	NO	
Required Casing/BOPE Test Pressure		700	psi	
*Max Pressure Allowed @ Previous Casing Shoe =		0	psi	*Assumes 1psi/ft frac gradient

Calculations	String 2	9 5/8 "		
Max BHP [psi]	.052*Setting Depth*MW =	1564		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	1180	NO	4.5" x 13.375" diverter stack with rotating head
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	860	YES	
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	1014	NO	
Required Casing/BOPE Test Pressure		3200	psi	
*Max Pressure Allowed @ Previous Casing Shoe =		700	psi	*Assumes 1psi/ft frac gradient

Calculations	String 3	7 "		
Max BHP [psi]	.052*Setting Depth*MW =	5512		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	4312	YES	10M BOP stack w/rotating head, spacer spool, 5M annular, dbl rams,
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	3312	YES	& single w/flex ram, mud cross
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	4016	NO	Reasonable
Required Casing/BOPE Test Pressure		7854	psi	
*Max Pressure Allowed @ Previous Casing Shoe =		3200	psi	*Assumes 1psi/ft frac gradient

Calculations	String 4	5 "		
Max BHP [psi]	.052*Setting Depth*MW =	9617		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	7973	YES	10M BOP stack w/rotating head, spacer spool, 5M annular, dbl rams,
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	6603	YES	& single w/flex ram, mud cross
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	8803	YES	OK
Required Casing/BOPE Test Pressure		9758	psi	
*Max Pressure Allowed @ Previous Casing Shoe =		10000	psi	*Assumes 1psi/ft frac gradient

Sundry Number: 51890 API Well Number: 43047530020000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
Allred Trust 2-31A1E

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43047530020000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
BLUEBELL

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1569 FNL 1113 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SENE Section: 31 Township: 01.0S Range: 01.0E Meridian: U

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 5/5/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Changing well from vertical to directional. Please see attached.

NAME (PLEASE PRINT)
Maria S. Gomez

PHONE NUMBER
713 997-5038

TITLE
Principal Regulatory Analyst

SIGNATURE
N/A

DATE
4/30/2014

RECEIVED: Jun. 04, 2014

Allred Trust 2-31A1E
Sec. 31, T1S, R1E
UINTAH COUNTY, UT

EP ENERGY E&P COMPANY, L.P.

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers**

Formation	Depth
Green River (GRRV)	5,428' TVD
Green River (GRTN1)	6,803' TVD
Mahogany Bench	7,433' TVD
L. Green River	8,593' TVD
Wasatch	9,538' TVD
T.D. (Permit)	13,700' TVD

2. **Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:**

Substance	Formation	Depth
	Green River (GRRV)	5,431' MD / 5,428' TVD
	Green River (GRTN1)	6,808' MD / 6,803' TVD
	Mahogany Bench	7,439' MD / 7,433' TVD
Oil	L. Green River	8,601' MD / 8,593' TVD
Oil	Wasatch	9,547' MD / 9,538' TVD

3. **Pressure Control Equipment:** (Schematic Attached)

A 4.5" by 20.0" rotating head on structural pipe from surface to 700' MD/TVD. A 4.5" by 13-3/8" Diverter Stack w/ Rotating Head from 700' MD/TVD to 3,200' MD/TVD on Conductor. A 10M BOP stack w/ rotating head, spacer spool, 5M annular, flex rams, blind rams & single w/ flex rams from 3,200' MD/TVD to 10,009' MD / 10,000' TVD. A 10M BOP stack w/ rotating head, spacer spool, 5M annular, flex rams, blind rams & single w/ flex rams from 10,009' MD / 10,000' TVD to TD (13,709' MD / 13,700' TVD).

The BOPE and related equipment will meet the requirements of the 5M and 10M system.

OPERATORS MINIMUM SPECIFICATIONS FOR BOPE:

The surface casing will be equipped with a flanged casing head of 5M psi working pressure. An 11" 5M x 11" 10M spool, 11" x 10M psi BOP and 5M psi annular will be nippled up on the surface casing and tested to 250 psi low test / 3,000 psi high test for 10 minutes each prior to drilling out. The surface casing

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will be tested to 1,000 psi. for 30 mins. Intermediate casing will be tested to the greater of 1,500 psi or 0.22 psi/ft. The choke manifold equipment, upper Kelly cock and floor safety valves will be tested to 5M psi. The annular preventer will be tested to 250 psi low test / 4,000 psi high test. The 10M BOP will be installed with rotating head, spacer spool, 5M annular, flex rams, blind rams & single w/ flex rams from surface shoe to TD. The BOPE will be hydraulically operated.

In addition, the BOP equipment will be tested after running intermediate casing, after any repairs to the equipment and at least once every 30 days. Pipe and blind rams will be activated on each trip, annular preventer will be activated weekly and weekly BOP drills will be held with each crew.

Statement on Accumulator System and Location of Hydraulic Controls:

Precision Rig # 406 is expected to be used to drill the proposed well. Operations will commence after approval of this application. Manual and/or hydraulic controls will be in compliance with 5M and 10M psi systems.

Auxiliary Equipment:

A) Pason Gas Monitoring 700' - TD
B) Mud logger with gas monitor – 3,200' to TD (13,700' TVD)
C) Choke manifold with one manual and one hydraulic operated choke
D) Full opening floor valve with drill pipe thread
E) Upper and lower Kelly cock
F) Shaker, de-sander and centrifuge

4. **Proposed Casing & Cementing Program:**

Please refer to the attached Wellbore Diagram.
All casing will meet or exceed the following design safety factors:

- Burst = 1.00
- Collapse = 1.125
- Tension = 1.2 (including 100k# overpull)

Cement design calculations for intermediate and production hole will be based on minimum 10% excess over gauge hole volumes. Actual volumes pumped will be a minimum of 10% excess over caliper volume to designed tops of cement for any section logged. A minimum of 50% excess over gauge volume will be pumped on surface casing.

5. **Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	WBM	9.0 – 10.5
Intermediate	WBM	9.5 – 10.5
Production	WBM	11.0 – 13.7

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Anticipated mud weights are based on actual offset well bottom-hole pressure data. Mud weights utilized may be somewhat higher to allow for trip margin and to provide hole stability for running logs and casing.

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program**:

Logs:
Mud Log: 3,200' MD/TVD – TD (13,700' TVD)
Open Hole Logs: Gamma Ray, Neutron-Density, Resistivity, Sonic, from surface casing shoe to TD.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 13,700' TVD equals approximately 9,760 psi. This is calculated based on a 0.7124 psi/ft gradient (13.7 ppg mud density at TD).

Maximum anticipated surface pressure equals approximately 6,746 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

Maximum anticipated surface pressure based on frac gradient at 7" casing shoe is 0.8 psi/ft at 10,000' TVD = 8,000 psi

BOPE and casing design will be based on the lesser of the two MASPs which is 6,746 psi.

8. **OPERATOR REQUESTS THAT THE PROPOSED WELL BE PLACED ON CONFIDENTIAL STATUS.**

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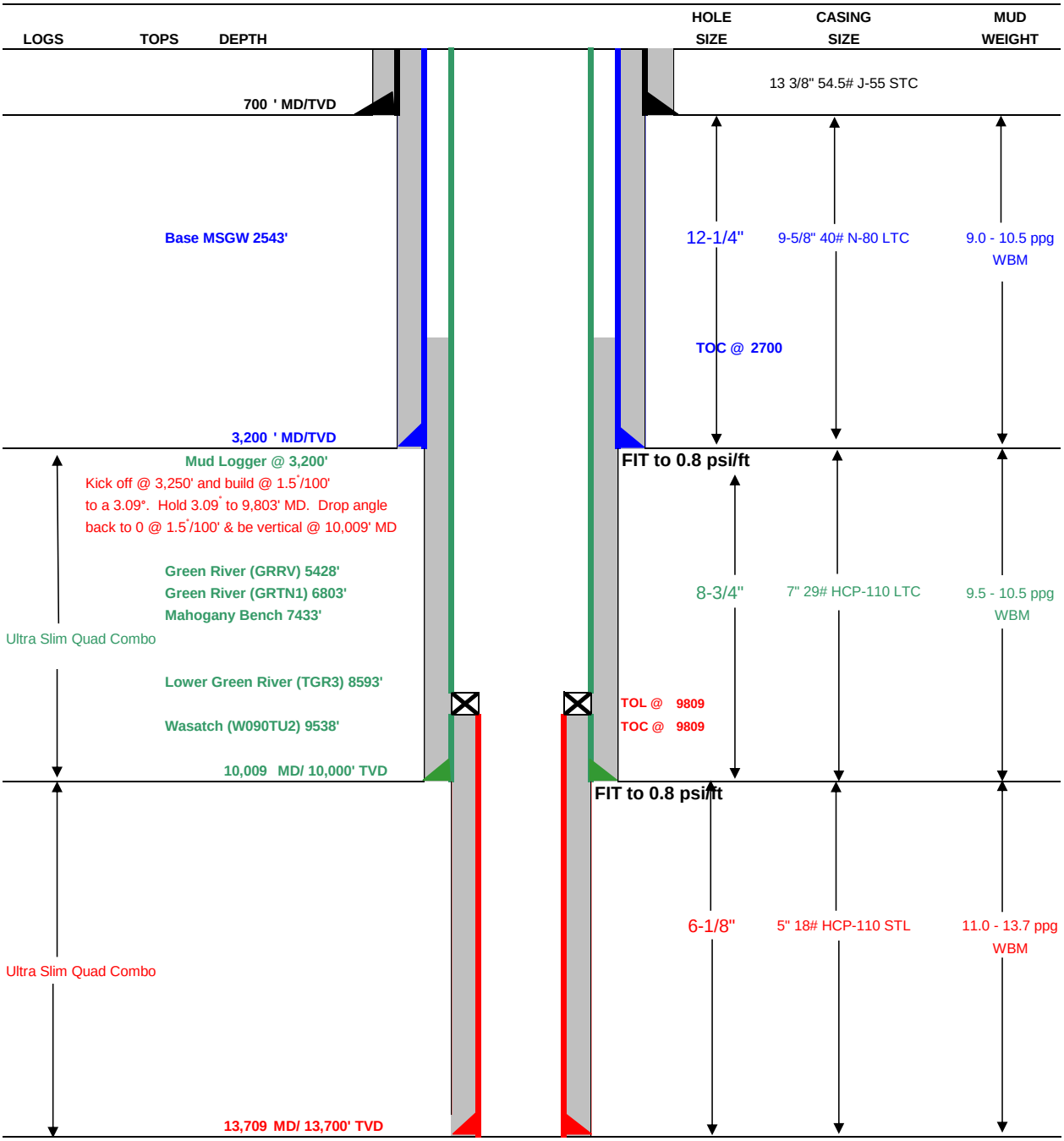
EP ENERGY

Drilling Schematic

Company Name:	EP ENERGY	**Date:**	April 30, 2014
Well Name:	Allred Trust 2-31A1E	**TD:**	13,709
Field, County, State:	Altamont, Uintah, Utah	**AFE #:**	TBD
Surface Location:	Sec 31 T1S R1E 1554' FNL 1186' FEL	**BHL:**	Sec 31 T1S R1E 1200' FNL 1200' FEL
Objective Zone(s):	Green River, Wasatch	**Elevation:**	5327
Rig:	Precision 406	**Spud (est.):**	TBD

BOPE Info: 4.5 x 13 3/8 Diverter System w/ rotating head from 700' to 3,200' 11 10M BOPE w/ rotating head & 5M annular from 3,200' to 10,009' 11 10M BOPE w/ rotating head, spacer spool, 5M annular, flex rams, blind rams, single w/ flex rams from 10,009' to TD



DRILLING PROGRAM

CASING PROGRAM	SIZE	INTERVAL		WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0	700	54.5	J-55	STC	2,740	1,130	514
SURFACE	9-5/8"	0	3200	40.00	N-80	LTC	5,750	3,090	737
INTERMEDIATE	7"	0	10009	29.00	HCP-110	LTC	11,220	9,750	797
PRODUCTION LINER	5"	9809	13709	18.00	HCP-110	STL	13,940	15,450	495

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		700	Class G + 3% CACL2	879	100%	15.8 ppg	1.15
SURFACE	Lead	2,700	EXTENDACEM SYSTEM: Type V Cement + 5 lbm/sk Silicalite Compacted + 0.25 lbm/sk Kwik Seal + 0.125 lbm/sk Poly-E-Flake + 2% Bentonite	427	75%	11.0 ppg	3.16
	Tail	500	HALCEM SYSTEM: Class G Cement + 3 lbm/sk Silicalite Compacted + 1% Salt + 0.3% Econolite + 0.25 lbm/sk Poly-E-Flake + 0.25 lbm/sk Kwik Seal + 0.5% HR-5	194	50%	14.3 ppg	1.31
INTERMEDIATE	Lead	5,409	EXPANDACEM SYSTEM: 6% Bentonite + 0.2% Econolite + 0.3% Versaset + 0.7% HR-5 + 0.3% Super CBL + 0.2% Halad(R)-322 + 0.125 lbm/sk Poly-E-Flake	467	10%	12.5 ppg	1.91
	Tail	1,900	BONDCEM SYSTEM: Class G Cement + 4% Bentonite + 0.25 Poly-E-Flake + 0.1% Halad-413 + 5 lb/sk Silicalite Compacted + 0.15% SA-1015 + 0.5% HR-5	196	10%	13.0 ppg	1.65
PRODUCTION LINER		3,900	EXTENDACEM SYSTEM: Class G Cement + 0.3% Super CBL + 0.6% SCR-100 + 0.3% Halad-413 + 0.125 lbm/sk Poly-E-Flake + 3 lbm/sk Silicalite Compacted + 20% SSA-1 + 0.1% SA-1015	231	25%	14.20	1.47

FLOAT EQUIPMENT & CENTRALIZERS	
CONDUCTOR	PDC drillable guide shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing.
SURFACE	PDC drillable guide shoe, 1 joint casing, PDC drillable float collar & Stage collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter.
INTERMEDIATE	PDC drillable 10M,P-110 float shoe, 1 joint, PDC drillable 10M, P-110 float collar. Thread lock all float equipment. Maker joint at 8,500'.
LINER	Float shoe, 1 joint, float collar, 1 joint, landing collar. Thread lock all FE. Maker joints every 1000'.

PROJECT ENGINEER(S): Brad MacAfee 713-997-6383

MANAGER: Bob Dodd

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5D Plan Report

EP ENERGY

Field Name: *UTAH_ CENTRAL ZONE_NAD83*
Site Name: *ALLRED TRUST 2-31A1E*
Well Name: *ALLRED TRUST 2-31A1E*
Plan: *PLAN 1*

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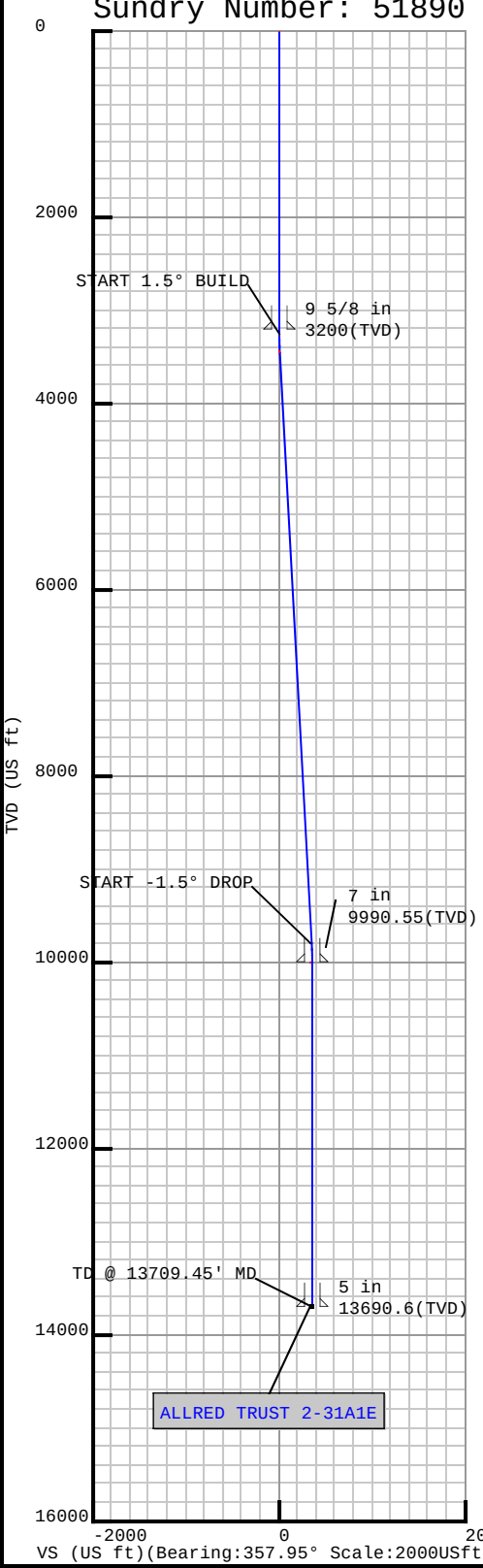
Sundry Number: 51890 API Well Number: 43047530020000



Field: UTAH_ CENTRAL ZONE_NAD83
Map Unit: USFt Vertical Reference Datum (VRD):
Projected Coordinate System: NAD83 / Utah Central (ftUS)

Site: ALLRED TRUST 2-31A1E
Unit: USFeet TVD Reference:
Company Name: EP ENERGY
Position: Northing: 7302292.00USft Latitude: 40.356007°
Easting: 2080573.77USft Longitude: -109.920516°
North Reference: True Grid Convergence: 1.01°
Elevation Above VRD: 0.00USft

Slot: ALLRED TRUST 2-31A1E
Position:
Offset is from Site centre
+N/-S: -0.00USft Northing: 7302292.00USft Latitude: 40.356007°
+E/-W: -0.00USft Easting: 2080573.77USft Longitude: -109.920516°
Elevation Above VRD: 5327.00USft

Well: ALLRED TRUST 2-31A1E
Type: Main-Well
File Number:
Vertical Section: Position offset of origin from Slot centre:
+N/-S: 0.00USft Azimuth: 357.95°
+E/-W: 0.00USft
Magnetic Parameters:

Model	Field Strength	Declination	Dip	Date
BGGM	52122(nT)	11.03°	65.99°	2014-04-30

Plan Point Information:
DogLeg Severity Unit: °/100.00ft Position offsets from Slot centre

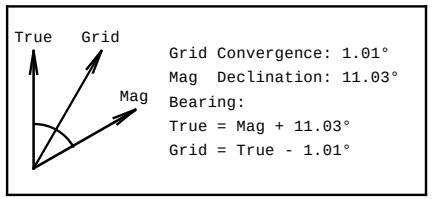
MD (USft)	Inc (°)	Az (°)	TVD (USft)	+N/-S (USft)	+E/-W (USft)	VSec (USft)	DLS (DLSU)	Toolface (°)	Build (DLSU)	Turn (DLSU)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00
3250.00	0.00	0.00	3250.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00
3456.22	3.09	357.95	3456.12	5.56	-0.20	5.57	1.50	357.9	1.50	0.00
9803.23	3.09	357.95	9793.88	347.85	-12.46	348.07	0.00	0.0	0.00	0.00
10009.45	0.00	0.00	10000.01	353.41	-12.66	353.64	1.50	180.0	-1.50	0.00
13709.45	0.00	0.00	13700.00	353.41	-12.66	353.63	0.00	0.0	0.00	0.00

Formation Point Information:

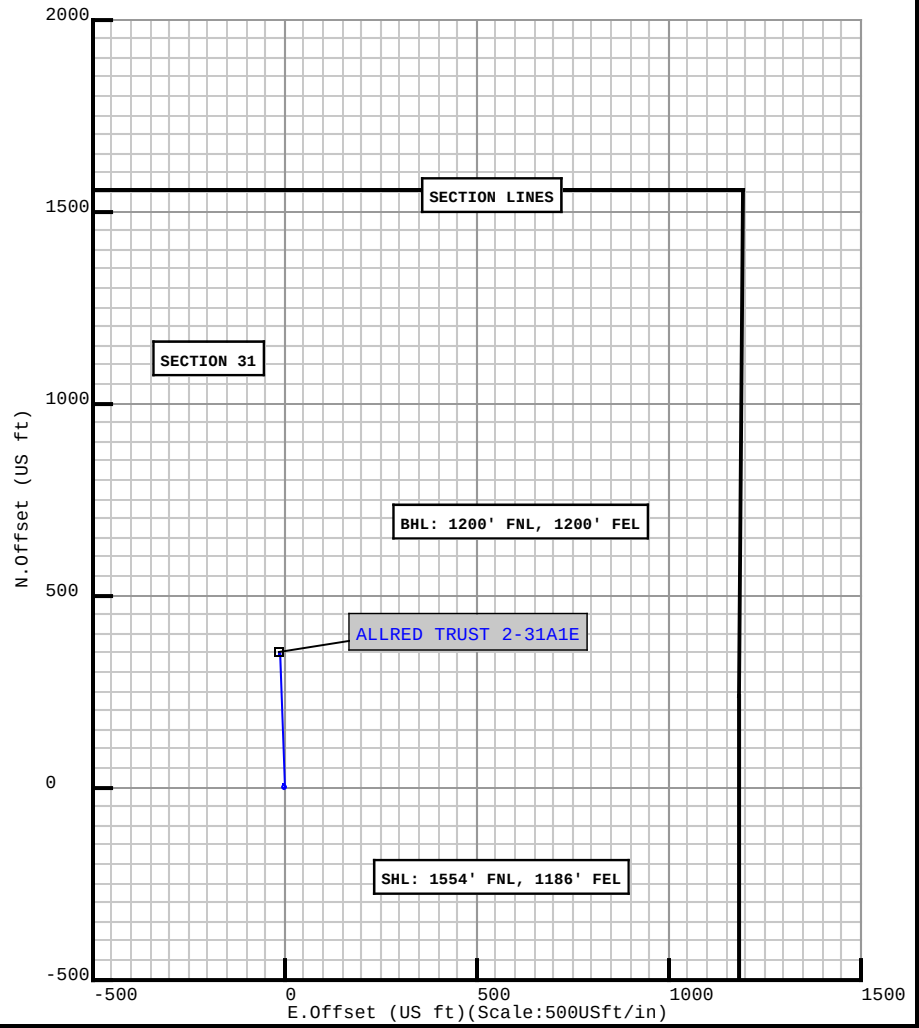
Name	TVD (USft)	Elevation (USft)	MD (USft)
GREEN RIVER (GRRV)	5428.00	-84.00	5430.98
GREEN RIVER (GRTN1)	6803.00	-1459.00	6807.98
MAHOGANY BENCH	7433.00	-2089.00	7438.90
LOWER GREEN RIVER	8593.00	-3249.00	8600.60
WASATCH	9538.00	-4194.00	9546.97

Casing Point Information:

Name	MD (USft)	TVD (USft)
9 5/8 in	3200.00	3200.00
7 in	10000.00	9990.55
5 in	13700.00	13690.55



Grid Convergence: 1.01°
Mag Declination: 11.03°
Bearing:
True = Mag + 11.03°
Grid = True - 1.01°



Plan Surveys for the ALLRED TRUST 2-31A1E

Site Name ALLRED TRUST 2-31A1E	**Units :** US ft	**North Reference** : True	**Convergence Angle :** 1.01
	Position	**Northing :** 7302292.00 US ft	**Latitude :** 40.356007
		Easting : 2080573.77 US ft	**Longitude :** -109.920516
	Elevation above:5327.00 US ft		
	Comment :		

Slot Name ALLRED TRUST 2-31A1E		**Position (Offsets relative to Site Centre)**	
	+N / -S : -0.00 US ft	**Northing :**7302292.00 US ft	**Latitude :** 40.356007
	+E / -W : -0.00 US ft	**Easting :**2080573.77 US ft	**Longitude :** -109.920516
	Slot TVD Reference : Ground Elevation		
	Elevation above : 5327.00 US ft		
	Comment :		

Well Name ALLRED TRUST 2-31A1E	**Type :** Main well		**UWI :**	**Plan :** PLAN 1	
	Rig Height *Drill Floor* : 17.00 US ft **Relative to :** 5344.00 US ft		**Comment :**		
	Closure Distance : 353.634 US ft		**Closure Azimuth :** 357.948°		
	Vertical Section (Position of Origin Relative to Slot)				
		+N / -S : 0.00 US ft	**+E / -W :** 0.00 US ft	**Az :**357.95°	
	Magnetic Parameters				
	Model : BGGM	**Field Strength :** 52122.7nT	**Dec :** 11.03°	**Dip :** 65.99°	**Date :** 30/Apr/2014

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5D Plan Report

Target Set

Name : ALLRED TRUST 2-31A1E **Number of Targets :** 1

Comment :

TargetName:	Position (Relative to centre)		
PBHL	**+N / -S :** 353.41US ft	**Northing :** 7302645.13 US ft	**Latitude :** 40°21'25.118180"
Shape:	**+E / -W :** -12.66 US ft	**Easting :** 2080554.87US ft	**Longitude :** -109°55'14.021550"
Cuboid	**TVD (Drill Floor) :** 13700.00 US ft		
	Orientation	**Azimuth :** 0.00°	**Inclination :** 0.00°
	Dimensions	**Length :** 20.00 US ft	**Breadth :** 20.00 US ft **Height :** 20.00 US ft

Casing Points (Relative to centre, TVD relative to Drill Floor)

Name	MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Latitude (°)	Longitude (°)
9 5/8 in	3200.00	0.00	0.00	3200.00	0.00	0.00	40.356007	-109.920516
7 in	10000.00	0.14	357.95	9990.55	353.40	-12.66	40.356977	-109.920562
5 in	13700.00	0.00	0.00	13690.55	353.41	-12.66	40.356977	-109.920562

Well path created using minimum curvature

Salient Points (Relative to centre, TVD relative to Drill Floor)

MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Latitude (°)	Longitude (°)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	40.356007	-109.920516	0.00	0.00	0.00	
3200.00	0.00	0.00	3200.00	0.00	0.00	40.356007	-109.920516	0.00	0.00	0.00	9 5/8 in
3250.00	0.00	0.00	3250.00	0.00	0.00	40.356007	-109.920516	0.00	0.00	0.00	START 1.5° BUILD
3456.22	3.09	357.95	3456.12	5.56	-0.20	40.356022	-109.920517	1.50	357.95	5.57	
5430.98	3.09	357.95	5428.00	112.06	-4.01	40.356315	-109.920531	0.00	0.00	112.13	GREEN RIVER (GRRV) :
6807.98	3.09	357.95	6803.00	186.32	-6.67	40.356519	-109.920540	0.00	0.00	186.44	GREEN RIVER (GRTN1) :
7438.90	3.09	357.95	7433.00	220.34	-7.89	40.356612	-109.920544	0.00	0.00	220.48	MAHOGANY BENCH :

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Salient Points (Relative to centre, TVD relative to Drill Floor)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Latitude (°)	Longitude (°)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
8600.60	3.09	357.95	8593.00	282.99	-10.14	40.356784	-109.920552	0.00	0.00	283.17	LOWER GREEN RIVER :
9546.97	3.09	357.95	9538.00	334.03	-11.97	40.356924	-109.920559	0.00	0.00	334.24	WASATCH :
9803.23	3.09	357.95	9793.88	347.85	-12.46	40.356962	-109.920561	0.00	0.00	348.07	START -1.5° DROP
10000.00	0.14	357.95	9990.55	353.40	-12.66	40.356977	-109.920562	1.50	180.00	353.63	7 in
10009.45	0.00	0.00	10000.01	353.41	-12.66	40.356977	-109.920562	1.50	180.00	353.64	
13700.00	0.00	0.00	13690.55	353.41	-12.66	40.356977	-109.920562	0.00	0.00	353.64	5 in
13709.45	0.00	0.00	13700.00	353.41	-12.66	40.356977	-109.920562	0.00	0.00	353.63	TD @ 13709.45' MD

Interpolated Points (Relative to centre, TVD relative to Drill Floor)									
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	
1000.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	0.00	
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	
1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00	0.00	
1300.00	0.00	0.00	1300.00	0.00	0.00	0.00	0.00	0.00	
1400.00	0.00	0.00	1400.00	0.00	0.00	0.00	0.00	0.00	
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	0.00	
1600.00	0.00	0.00	1600.00	0.00	0.00	0.00	0.00	0.00	
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	0.00	
1800.00	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	0.00	
1900.00	0.00	0.00	1900.00	0.00	0.00	0.00	0.00	0.00	

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5D Plan Report

Interpolated Points (Relative to centre, TVD relative to Drill Floor)									
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	0.00	
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	0.00	
2300.00	0.00	0.00	2300.00	0.00	0.00	0.00	0.00	0.00	
2400.00	0.00	0.00	2400.00	0.00	0.00	0.00	0.00	0.00	
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	0.00	
2700.00	0.00	0.00	2700.00	0.00	0.00	0.00	0.00	0.00	
2800.00	0.00	0.00	2800.00	0.00	0.00	0.00	0.00	0.00	
2900.00	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	0.00	
3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	0.00	
3100.00	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	0.00	
3200.00	0.00	0.00	3200.00	0.00	0.00	0.00	0.00	0.00	9 5/8 in
3250.00	0.00	0.00	3250.00	0.00	0.00	0.00	0.00	0.00	START 1.5° BUILD
3300.00	0.75	357.95	3300.00	0.33	-0.01	1.50	357.95	0.33	
3400.00	2.25	357.95	3399.96	2.94	-0.11	1.50	0.00	2.94	
3456.22	3.09	357.95	3456.12	5.56	-0.20	1.50	0.00	5.57	
3500.00	3.09	357.95	3499.84	7.92	-0.28	0.00	0.00	7.93	
3600.00	3.09	357.95	3599.69	13.32	-0.48	0.00	0.00	13.32	
3700.00	3.09	357.95	3699.54	18.71	-0.67	0.00	0.00	18.72	
3800.00	3.09	357.95	3799.40	24.10	-0.86	0.00	0.00	24.12	
3900.00	3.09	357.95	3899.25	29.49	-1.06	0.00	0.00	29.51	
4000.00	3.09	357.95	3999.11	34.89	-1.25	0.00	0.00	34.91	
4100.00	3.09	357.95	4098.96	40.28	-1.44	0.00	0.00	40.31	
4200.00	3.09	357.95	4198.82	45.67	-1.64	0.00	0.00	45.70	
4300.00	3.09	357.95	4298.67	51.07	-1.83	0.00	0.00	51.10	
4400.00	3.09	357.95	4398.52	56.46	-2.02	0.00	0.00	56.49	
4500.00	3.09	357.95	4498.38	61.85	-2.22	0.00	0.00	61.89	
4600.00	3.09	357.95	4598.23	67.24	-2.41	0.00	0.00	67.29	
4700.00	3.09	357.95	4698.09	72.64	-2.60	0.00	0.00	72.68	
4800.00	3.09	357.95	4797.94	78.03	-2.80	0.00	0.00	78.08	
4900.00	3.09	357.95	4897.80	83.42	-2.99	0.00	0.00	83.48	

RECEIVED: Jun. 04, 2014

Interpolated Points (Relative to centre, TVD relative to Drill Floor)									
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
5000.00	3.09	357.95	4997.65	88.82	-3.18	0.00	0.00	88.87	
5100.00	3.09	357.95	5097.50	94.21	-3.37	0.00	0.00	94.27	
5200.00	3.09	357.95	5197.36	99.60	-3.57	0.00	0.00	99.67	
5300.00	3.09	357.95	5297.21	104.99	-3.76	0.00	0.00	105.06	
5400.00	3.09	357.95	5397.07	110.39	-3.95	0.00	0.00	110.46	
5430.98	3.09	357.95	5428.00	112.06	-4.01	0.00	0.00	112.13	GREEN RIVER (GRRV) :
5500.00	3.09	357.95	5496.92	115.78	-4.15	0.00	0.00	115.85	
5600.00	3.09	357.95	5596.78	121.17	-4.34	0.00	0.00	121.25	
5700.00	3.09	357.95	5696.63	126.57	-4.53	0.00	0.00	126.65	
5800.00	3.09	357.95	5796.48	131.96	-4.73	0.00	0.00	132.04	
5900.00	3.09	357.95	5896.34	137.35	-4.92	0.00	0.00	137.44	
6000.00	3.09	357.95	5996.19	142.74	-5.11	0.00	0.00	142.84	
6100.00	3.09	357.95	6096.05	148.14	-5.31	0.00	0.00	148.23	
6200.00	3.09	357.95	6195.90	153.53	-5.50	0.00	0.00	153.63	
6300.00	3.09	357.95	6295.76	158.92	-5.69	0.00	0.00	159.03	
6400.00	3.09	357.95	6395.61	164.32	-5.89	0.00	0.00	164.42	
6500.00	3.09	357.95	6495.46	169.71	-6.08	0.00	0.00	169.82	
6600.00	3.09	357.95	6595.32	175.10	-6.27	0.00	0.00	175.21	
6700.00	3.09	357.95	6695.17	180.49	-6.47	0.00	0.00	180.61	
6800.00	3.09	357.95	6795.03	185.89	-6.66	0.00	0.00	186.01	
6807.98	3.09	357.95	6803.00	186.32	-6.67	0.00	0.00	186.44	GREEN RIVER (GRTN1) :
6900.00	3.09	357.95	6894.88	191.28	-6.85	0.00	0.00	191.40	
7000.00	3.09	357.95	6994.74	196.67	-7.05	0.00	0.00	196.80	
7100.00	3.09	357.95	7094.59	202.07	-7.24	0.00	0.00	202.20	
7200.00	3.09	357.95	7194.44	207.46	-7.43	0.00	0.00	207.59	
7300.00	3.09	357.95	7294.30	212.85	-7.62	0.00	0.00	212.99	
7400.00	3.09	357.95	7394.15	218.24	-7.82	0.00	0.00	218.38	
7438.90	3.09	357.95	7433.00	220.34	-7.89	0.00	0.00	220.48	MAHOGANY BENCH :
7500.00	3.09	357.95	7494.01	223.64	-8.01	0.00	0.00	223.78	
7600.00	3.09	357.95	7593.86	229.03	-8.20	0.00	0.00	229.18	
7700.00	3.09	357.95	7693.72	234.42	-8.40	0.00	0.00	234.57	

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Interpolated Points (Relative to centre, TVD relative to Drill Floor)									
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
7800.00	3.09	357.95	7793.57	239.82	-8.59	0.00	0.00	239.97	
7900.00	3.09	357.95	7893.42	245.21	-8.78	0.00	0.00	245.37	
8000.00	3.09	357.95	7993.28	250.60	-8.98	0.00	0.00	250.76	
8100.00	3.09	357.95	8093.13	255.99	-9.17	0.00	0.00	256.16	
8200.00	3.09	357.95	8192.99	261.39	-9.36	0.00	0.00	261.56	
8300.00	3.09	357.95	8292.84	266.78	-9.56	0.00	0.00	266.95	
8400.00	3.09	357.95	8392.70	272.17	-9.75	0.00	0.00	272.35	
8500.00	3.09	357.95	8492.55	277.57	-9.94	0.00	0.00	277.74	
8600.00	3.09	357.95	8592.40	282.96	-10.14	0.00	0.00	283.14	
8600.60	3.09	357.95	8593.00	282.99	-10.14	0.00	0.00	283.17	LOWER GREEN RIVER :
8700.00	3.09	357.95	8692.26	288.35	-10.33	0.00	0.00	288.54	
8800.00	3.09	357.95	8792.11	293.75	-10.52	0.00	0.00	293.93	
8900.00	3.09	357.95	8891.97	299.14	-10.72	0.00	0.00	299.33	
9000.00	3.09	357.95	8991.82	304.53	-10.91	0.00	0.00	304.73	
9100.00	3.09	357.95	9091.68	309.92	-11.10	0.00	0.00	310.12	
9200.00	3.09	357.95	9191.53	315.32	-11.30	0.00	0.00	315.52	
9300.00	3.09	357.95	9291.38	320.71	-11.49	0.00	0.00	320.92	
9400.00	3.09	357.95	9391.24	326.10	-11.68	0.00	0.00	326.31	
9500.00	3.09	357.95	9491.09	331.50	-11.87	0.00	0.00	331.71	
9546.97	3.09	357.95	9538.00	334.03	-11.97	0.00	0.00	334.24	WASATCH :
9600.00	3.09	357.95	9590.95	336.89	-12.07	0.00	0.00	337.10	
9700.00	3.09	357.95	9690.80	342.28	-12.26	0.00	0.00	342.50	
9800.00	3.09	357.95	9790.66	347.67	-12.45	0.00	0.00	347.90	
9803.23	3.09	357.95	9793.88	347.85	-12.46	0.00	0.00	348.07	START -1.5° DROP
9900.00	1.64	357.95	9890.57	351.84	-12.60	1.50	180.00	352.07	
10000.00	0.14	357.95	9990.55	353.40	-12.66	1.50	180.00	353.63	7 in
10009.45	0.00	0.00	10000.01	353.41	-12.66	1.50	180.00	353.64	
10100.00	0.00	0.00	10090.55	353.41	-12.66	0.00	0.00	353.64	
10200.00	0.00	0.00	10190.55	353.41	-12.66	0.00	0.00	353.64	
10300.00	0.00	0.00	10290.55	353.41	-12.66	0.00	0.00	353.64	
10400.00	0.00	0.00	10390.55	353.41	-12.66	0.00	0.00	353.64	
10500.00	0.00	0.00	10490.55	353.41	-12.66	0.00	0.00	353.64	

Interpolated Points (Relative to centre, TVD relative to Drill Floor)									
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
10600.00	0.00	0.00	10590.55	353.41	-12.66	0.00	0.00	353.64	
10700.00	0.00	0.00	10690.55	353.41	-12.66	0.00	0.00	353.64	
10800.00	0.00	0.00	10790.55	353.41	-12.66	0.00	0.00	353.64	
10900.00	0.00	0.00	10890.55	353.41	-12.66	0.00	0.00	353.64	
11000.00	0.00	0.00	10990.55	353.41	-12.66	0.00	0.00	353.64	
11100.00	0.00	0.00	11090.55	353.41	-12.66	0.00	0.00	353.64	
11200.00	0.00	0.00	11190.55	353.41	-12.66	0.00	0.00	353.64	
11300.00	0.00	0.00	11290.55	353.41	-12.66	0.00	0.00	353.64	
11400.00	0.00	0.00	11390.55	353.41	-12.66	0.00	0.00	353.64	
11500.00	0.00	0.00	11490.55	353.41	-12.66	0.00	0.00	353.64	
11600.00	0.00	0.00	11590.55	353.41	-12.66	0.00	0.00	353.64	
11700.00	0.00	0.00	11690.55	353.41	-12.66	0.00	0.00	353.64	
11800.00	0.00	0.00	11790.55	353.41	-12.66	0.00	0.00	353.64	
11900.00	0.00	0.00	11890.55	353.41	-12.66	0.00	0.00	353.64	
12000.00	0.00	0.00	11990.55	353.41	-12.66	0.00	0.00	353.64	
12100.00	0.00	0.00	12090.55	353.41	-12.66	0.00	0.00	353.64	
12200.00	0.00	0.00	12190.55	353.41	-12.66	0.00	0.00	353.64	
12300.00	0.00	0.00	12290.55	353.41	-12.66	0.00	0.00	353.64	
12400.00	0.00	0.00	12390.55	353.41	-12.66	0.00	0.00	353.64	
12500.00	0.00	0.00	12490.55	353.41	-12.66	0.00	0.00	353.64	
12600.00	0.00	0.00	12590.55	353.41	-12.66	0.00	0.00	353.64	
12700.00	0.00	0.00	12690.55	353.41	-12.66	0.00	0.00	353.64	
12800.00	0.00	0.00	12790.55	353.41	-12.66	0.00	0.00	353.64	
12900.00	0.00	0.00	12890.55	353.41	-12.66	0.00	0.00	353.64	
13000.00	0.00	0.00	12990.55	353.41	-12.66	0.00	0.00	353.64	
13100.00	0.00	0.00	13090.55	353.41	-12.66	0.00	0.00	353.64	
13200.00	0.00	0.00	13190.55	353.41	-12.66	0.00	0.00	353.64	
13300.00	0.00	0.00	13290.55	353.41	-12.66	0.00	0.00	353.64	
13400.00	0.00	0.00	13390.55	353.41	-12.66	0.00	0.00	353.64	
13500.00	0.00	0.00	13490.55	353.41	-12.66	0.00	0.00	353.64	
13600.00	0.00	0.00	13590.55	353.41	-12.66	0.00	0.00	353.64	
13700.00	0.00	0.00	13690.55	353.41	-12.66	0.00	0.00	353.64	5 in

Interpolated Points (Relative to centre, TVD relative to Drill Floor)									
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
13709.45	0.00	0.00	13700.00	353.41	-12.66	0.00	0.00	353.63	TD @ 13709.45' MD

Formation Points (Relative to centre, TVD relative to Drill Floor)		
Name	MD (US ft)	TVD (US ft)
GREEN RIVER (GRRV)	5430.98	5428.00
GREEN RIVER (GRTN1)	6807.98	6803.00
MAHOGANY BENCH	7438.90	7433.00
LOWER GREEN RIVER	8600.60	8593.00
WASATCH	9546.97	9538.00

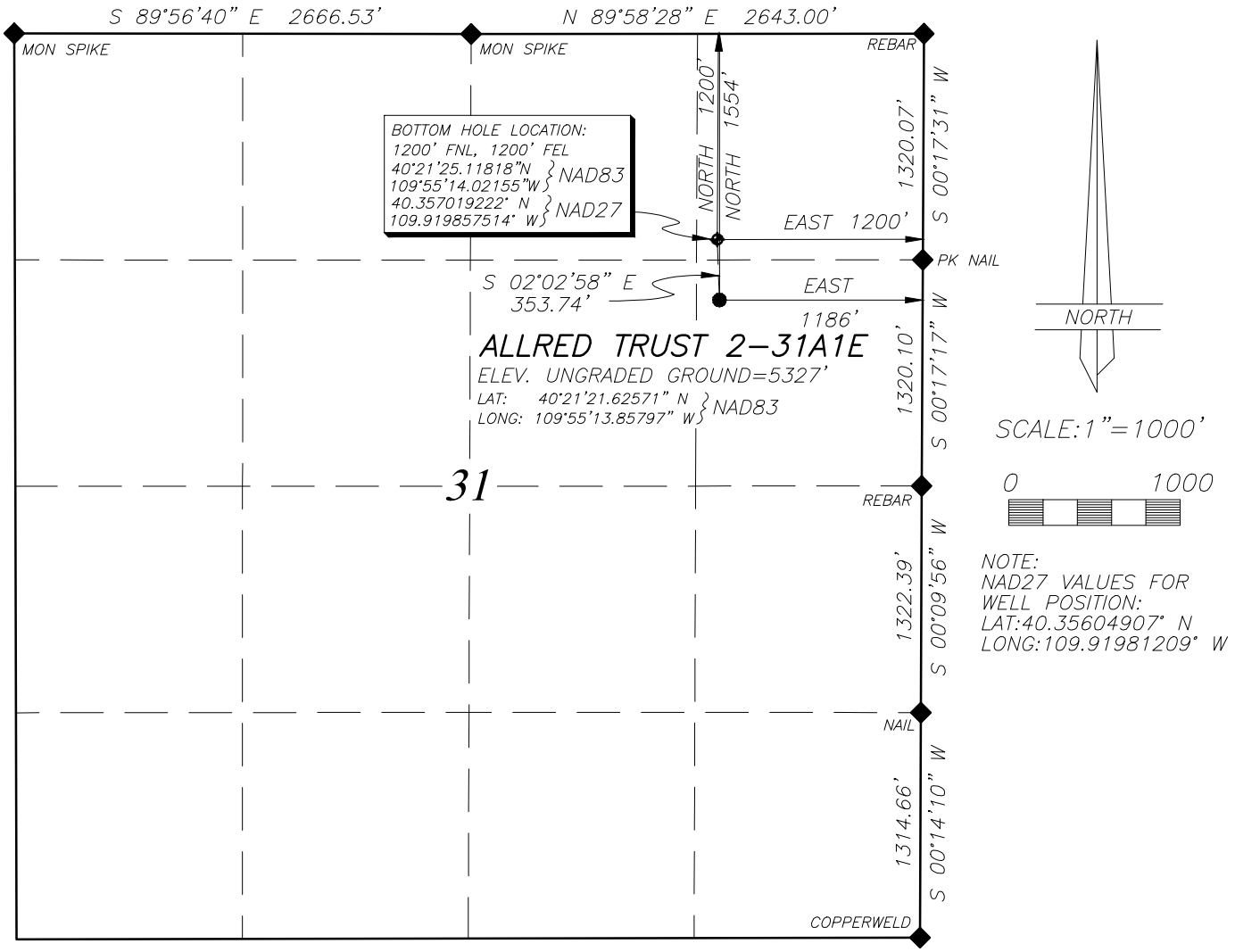
RECEIVED: Jun. 04, 2014

EP ENERGY E&P COMPANY, L.P.

WELL LOCATION

ALLRED TRUST 2-31A1E

LOCATED IN THE SE¼ OF THE NE¼ OF SECTION 31, T1S, R1E, U.S.B.&M. UINTAH COUNTY, UTAH



NOTE:
NAD27 VALUES FOR WELL POSITION:
LAT:40.35604907° N
LONG:109.91981209° W

LEGEND AND NOTES

◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

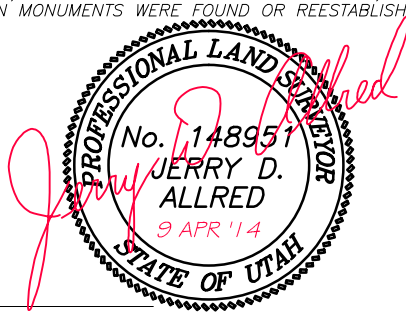
THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE SECTION CORNER LOCATED AT LAT. 40°22'29.30061"N AND LONG. 109°54'58.86832"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

BASIS OF ELEVATIONS: NAVD 88 DATUM USING THE UTAH REFERENCE NETWORK CONTROL SYSTEM

REV 9 APR 2014
REV 25 SEP 2013
10 AUG 2010 01-128-174

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM THE FIELD NOTES AND ELECTRONIC DATA COLLECTOR FILES OF AN ACTUAL SURVEY PERFORMED BY ME, OR UNDER MY PERSONAL SUPERVISION, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR REESTABLISHED.



JERRY D. ALLRED, REGISTERED LAND SURVEYOR, CERTIFICATE NO. 148951 (UTAH)

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

RECEIVED: Jun. 04, 2014

Sundry Number: 54043 API Well Number: 43047530020000

Reset Form

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

2. NAME OF OPERATOR: EP Energy E&P Company, L.P.

3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002

PHONE NUMBER: (713) 997-5038

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1569' FNL & 1113' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 1234' FNL & 1239' FEL
AT TOTAL DEPTH: 1269' FNL & 1218' FEL

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER: Allred Trust 2-31A1E

9. API NUMBER: 4304753002

10 FIELD AND POOL, OR WILDCAT: Bluebell

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 31 1S 1E U

12. COUNTY: Uintah

13. STATE: UTAH

14. DATE SPUDDED: 4/28/2014

15. DATE T.D. REACHED: 5/31/2014

16. DATE COMPLETED: 7/3/2014 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 5327

18. TOTAL DEPTH: MD 12,410 TVD 13,398

19. PLUG BACK T.D.: MD 13,316 TVD 13,304

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Sonic, Gamma Ray, Resistivity & Neutron Density

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☑ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17.5	13.375 J55	54.5	0	732		G 900	1,035	0	
12.25	9.625 N80	40	0	3,200		G 725	1,729	0	
8.75	7" P110	29	0	9,954		G 855	1,570	5710	
6.125	4.5 P110	13.5	8,896	11,855		G 320	470	9930	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	9,330	9,323						

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Wasatch	9,543	13,410	9,531	13,398
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
12,947 13,231	.43	69	Open ☑ Squeezed ☐
12,625 12,916	.43	69	Open ☑ Squeezed ☐
12,337 12,590	.43	69	Open ☑ Squeezed ☐
12,008 12,289	.43	69	Open ☑ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. See attached for further information on #27 & #28.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
12947-13231	5000 gal 15% HCL acid, 3000# 100 mesh, 140000# 20/40 PowerProp
12625-12916	5000 gal 15% HCL acid, 3000# 100 mesh, 140000# 20/40 PowerProp
12337-12590	5000 ga; 15% HCL acid, 3420# 100 mesh, 150000# 20/40 PowerProp

29. ENCLOSED ATTACHMENTS: All logs are submitted to UDOGM by vendor.

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: Prod

(5/2000)

(CONTINUED ON BACK)

RECEIVED: Aug. 04, 2014

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
7/3/2014	7/15/2014	24		484	894	361	FL

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
14	2,483	0	42.00		2		484	894	361	PROD

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Upper Green River	5,233
				Middle Green River	7,439
				Lower Green River	8,591
				Wasatch	9,543

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Maria S. Gomez TITLE Principal Regulatory Analyst

SIGNATURE Maria S. Gomez Digitally signed by Maria Gomez DN: cn=Maria Gomez, o=EP Energy, ou=Regulatory, email=maria.gomez@epenergy.com, c=US Date: 2014.08.04 18:27:33 -05'00' DATE 8/4/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

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Attachment to Well Completion Report

Form 8 Dated August 4, 2014

Well Name: Allred Trust 2-31A1E

Items #27 and #28 Continued

27. Perforation Record

Interval (Top/Bottom – MD)	Size	No. of Holes	Perf. Status
11763'-11980'	.43	66	Open
11497'-11728'	.43	66	Open

28. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12008'-12289'	5000 gal acid, 3000# 100 mesh, 160000# 20/40 PowerProp
11763'-11980'	5000 gal acid, 3000# 100 mesh, 170000# 20/40 PowerProp
11497'-11728'	5000 gal acid, 3000# 100 mesh, 163360# 20/40 PowerProp

RECEIVED: Aug. 04, 2014

Company:	EP Energy	**Job Number:**		**Calculation Method**	Minimum Curvature
Well:	Allred Trust 2-31A1E	**Mag Decl.:**		**Proposed Azimuth**	0.00
Location:	Uintah, UT	**Dir Driller:**		**Depth Reference**	KB
Rig:	Precision 406	**MWD Eng:**		**Tie Into:**	Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)		Coordinates E/W (ft)		Closure Distance (ft)	Closure Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
Tie In	**0.00**	**0.00**	**0.00**												
1	100.00	0.23	99.60	100.00	100.00	-0.03	0.03	S	0.20	E	0.20	99.60	0.23	0.23	99.60
2	200.00	0.13	36.19	100.00	200.00	0.03	0.03	N	0.46	E	0.46	86.73	0.21	-0.10	-63.41
3	300.00	0.33	57.30	100.00	300.00	0.27	0.27	N	0.77	E	0.81	70.39	0.21	0.20	21.12
4	400.00	0.20	100.71	100.00	400.00	0.40	0.40	N	1.18	E	1.24	71.43	0.23	-0.13	43.41
5	500.00	0.11	176.18	100.00	500.00	0.27	0.27	N	1.35	E	1.38	78.78	0.20	-0.09	75.46
6	600.00	0.11	202.52	100.00	600.00	0.08	0.08	N	1.32	E	1.32	86.46	0.05	0.01	26.34
7	700.00	0.11	244.50	100.00	700.00	-0.05	0.05	S	1.20	E	1.20	92.40	0.08	-0.01	41.99
8	800.00	0.25	138.85	100.00	800.00	-0.25	0.25	S	1.26	E	1.28	101.40	0.30	0.14	-105.66
9	900.00	0.40	149.99	100.00	899.99	-0.72	0.72	S	1.57	E	1.73	114.49	0.16	0.15	11.15
10	1000.00	0.58	194.35	100.00	999.99	-1.51	1.51	S	1.62	E	2.21	132.93	0.41	0.18	44.36
11	1100.00	0.57	171.07	100.00	1099.99	-2.49	2.49	S	1.57	E	2.94	147.71	0.23	-0.02	-23.28
12	1200.00	0.46	162.32	100.00	1199.98	-3.36	3.36	S	1.77	E	3.80	152.20	0.13	-0.10	-8.76
13	1300.00	0.34	218.26	100.00	1299.98	-3.97	3.97	S	1.71	E	4.33	156.69	0.39	-0.13	55.95
14	1400.00	0.30	200.03	100.00	1399.98	-4.45	4.45	S	1.44	E	4.68	162.05	0.11	-0.03	-18.23
15	1500.00	0.31	235.25	100.00	1499.98	-4.85	4.85	S	1.13	E	4.98	166.87	0.18	0.01	35.22
16	1600.00	0.29	258.57	100.00	1599.98	-5.05	5.05	S	0.66	E	5.09	172.55	0.12	-0.01	23.32
17	1700.00	0.17	182.49	100.00	1699.97	-5.25	5.25	S	0.40	E	5.27	175.61	0.30	-0.12	-76.09
18	1800.00	0.64	205.93	100.00	1799.97	-5.90	5.90	S	0.15	E	5.90	178.51	0.49	0.47	23.45
19	1900.00	0.71	238.68	100.00	1899.97	-6.72	6.72	S	0.62	W	6.75	185.28	0.39	0.08	32.75
20	2000.00	0.39	257.67	100.00	1999.96	-7.12	7.12	S	1.49	W	7.27	191.81	0.37	-0.32	18.99
21	2100.00	0.53	258.42	100.00	2099.96	-7.28	7.28	S	2.27	W	7.63	197.34	0.14	0.14	0.75
22	2200.00	0.54	255.08	100.00	2199.95	-7.50	7.50	S	3.18	W	8.15	203.00	0.03	0.01	-3.34
23	2300.00	0.55	266.28	100.00	2299.95	-7.65	7.65	S	4.12	W	8.69	208.27	0.11	0.00	11.19
24	2400.00	0.59	224.92	100.00	2399.94	-8.05	8.05	S	4.95	W	9.45	211.61	0.40	0.04	-41.35
25	2500.00	0.61	240.03	100.00	2499.94	-8.68	8.68	S	5.78	W	10.42	213.66	0.16	0.02	15.11
26	2600.00	0.37	222.92	100.00	2599.93	-9.18	9.18	S	6.46	W	11.23	215.13	0.28	-0.24	-17.11
27	2700.00	0.39	234.97	100.00	2699.93	-9.61	9.61	S	6.96	W	11.87	215.90	0.08	0.02	12.05
28	2800.00	0.41	163.16	100.00	2799.93	-10.15	10.15	S	7.13	W	12.40	215.11	0.47	0.02	-71.81
29	2900.00	0.15	270.24	100.00	2899.93	-10.48	10.48	S	7.16	W	12.70	214.34	0.47	-0.25	107.08
30	3000.00	0.46	185.31	100.00	2999.93	-10.88	10.88	S	7.33	W	13.12	213.97	0.47	0.31	-84.93
31	3100.00	0.38	137.75	100.00	3099.93	-11.52	11.52	S	7.15	W	13.56	211.81	0.34	-0.08	-47.56
32	3175.00	0.57	164.55	75.00	3174.92	-12.07	12.07	S	6.88	W	13.89	209.70	0.39	0.26	35.73
33	3213.00	0.51	184.85	38.00	3212.92	-12.42	12.42	S	6.85	W	14.18	208.86	0.53	-0.17	53.43
34	3310.00	0.84	354.61	97.00	3309.92	-12.14	12.14	S	6.95	W	13.99	209.78	1.39	0.34	175.01
35	3406.00	2.38	5.31	96.00	3405.88	-9.46	9.46	S	6.83	W	11.67	215.84	1.63	1.60	-363.85

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EP ENERGY

Company:	EP Energy	**Job Number:**	
Well:	Allred Trust 2-31A1E	**Mag Decl.:**	
Location:	Uintah, UT	**Dir Driller:**	
Rig:	Precision 406	**MWD Eng:**	

Calculation Method	Minimum Curvature
Proposed Azimuth	0.00
Depth Reference	KB
Tie Into:	Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)		Coordinates E/W (ft)		Closure Distance (ft)	Closure Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
36	3502.00	3.96	1.49	96.00	3501.73	-4.16	4.16	S	6.56	W	7.77	237.64	1.66	1.65	-3.98
37	3598.00	3.73	2.68	96.00	3597.51	2.28	2.28	N	6.33	W	6.72	289.78	0.25	-0.24	1.24
38	3695.00	3.67	2.42	97.00	3694.31	8.53	8.53	N	6.05	W	10.46	324.65	0.06	-0.06	-0.27
39	3791.00	3.64	3.62	96.00	3790.12	14.64	14.64	N	5.73	W	15.72	338.64	0.09	-0.03	1.25
40	3887.00	3.46	3.91	96.00	3885.93	20.57	20.57	N	5.34	W	21.25	345.46	0.19	-0.19	0.30
41	3983.00	3.39	5.90	96.00	3981.76	26.29	26.29	N	4.85	W	26.73	349.55	0.14	-0.07	2.07
42	4079.00	4.01	352.85	96.00	4077.56	32.44	32.44	N	4.97	W	32.82	351.28	1.09	0.65	361.41
43	4175.00	4.19	354.10	96.00	4173.31	39.26	39.26	N	5.75	W	39.68	351.66	0.21	0.19	1.30
44	4271.00	3.70	355.06	96.00	4269.09	45.83	45.83	N	6.38	W	46.27	352.08	0.52	-0.51	1.00
45	4367.00	3.44	356.87	96.00	4364.90	51.79	51.79	N	6.80	W	52.24	352.52	0.30	-0.27	1.89
46	4463.00	2.88	353.77	96.00	4460.75	57.07	57.07	N	7.22	W	57.52	352.79	0.61	-0.58	-3.23
47	4559.00	4.20	344.94	96.00	4556.57	62.86	62.86	N	8.40	W	63.42	352.39	1.48	1.38	-9.20
48	4651.00	4.14	345.65	92.00	4648.33	69.33	69.33	N	10.10	W	70.06	351.71	0.09	-0.07	0.77
49	4751.00	4.10	345.84	100.00	4748.07	76.29	76.29	N	11.87	W	77.21	351.16	0.04	-0.04	0.19
50	4847.00	3.71	345.52	96.00	4843.84	82.63	82.63	N	13.48	W	83.72	350.73	0.41	-0.41	-0.33
51	4943.00	3.21	343.91	96.00	4939.67	88.22	88.22	N	15.00	W	89.49	350.35	0.53	-0.52	-1.68
52	5039.00	3.14	346.08	96.00	5035.52	93.35	93.35	N	16.38	W	94.78	350.05	0.14	-0.07	2.26
53	5136.00	4.87	3.37	97.00	5132.28	100.04	100.04	N	16.78	W	101.44	350.48	2.16	1.78	-353.31
54	5232.00	4.54	5.11	96.00	5227.96	107.90	107.90	N	16.20	W	109.10	351.46	0.37	-0.34	1.81
55	5328.00	4.07	8.29	96.00	5323.69	115.05	115.05	N	15.37	W	116.07	352.39	0.55	-0.49	3.31
56	5423.00	3.50	9.61	95.00	5418.48	121.25	121.25	N	14.40	W	122.10	353.23	0.61	-0.60	1.39
57	5519.00	4.33	357.84	96.00	5514.26	127.76	127.76	N	14.05	W	128.53	353.73	1.20	0.86	362.74
58	5616.00	3.97	357.73	97.00	5611.01	134.77	134.77	N	14.32	W	135.53	353.94	0.37	-0.37	-0.11
59	5711.00	3.50	0.02	95.00	5705.80	140.96	140.96	N	14.45	W	141.70	354.15	0.52	-0.49	-376.54
60	5808.00	2.97	359.86	97.00	5802.65	146.43	146.43	N	14.45	W	147.14	354.36	0.55	-0.55	370.97
61	5904.00	4.04	354.09	96.00	5898.47	152.28	152.28	N	14.81	W	153.00	354.45	1.17	1.11	-6.01
62	6000.00	3.08	356.13	96.00	5994.28	158.22	158.22	N	15.33	W	158.96	354.47	1.01	-1.00	2.13
63	6096.00	4.40	357.35	96.00	6090.07	164.47	164.47	N	15.67	W	165.22	354.56	1.38	1.38	1.27
64	6192.00	3.65	1.98	96.00	6185.84	171.20	171.20	N	15.74	W	171.93	354.75	0.85	-0.78	-370.18
65	6288.00	4.19	341.65	96.00	6281.62	177.59	177.59	N	16.74	W	178.37	354.62	1.54	0.56	353.82
66	6384.00	3.36	347.17	96.00	6377.41	183.66	183.66	N	18.47	W	184.58	354.26	0.94	-0.86	5.75
67	6480.00	2.72	351.87	96.00	6473.27	188.66	188.66	N	19.41	W	189.65	354.13	0.71	-0.67	4.90
68	6574.00	3.12	343.03	94.00	6567.15	193.31	193.31	N	20.47	W	194.39	353.95	0.64	0.43	-9.40
69	6671.00	4.33	355.03	97.00	6663.95	199.48	199.48	N	21.56	W	200.65	353.83	1.48	1.25	12.37
70	6766.00	2.66	326.21	95.00	6758.77	204.89	204.89	N	23.10	W	206.19	353.57	2.50	-1.76	-30.34
71	6862.00	3.77	335.47	96.00	6854.62	209.61	209.61	N	25.65	W	211.18	353.02	1.27	1.16	9.65
72	6958.00	4.14	342.62	96.00	6950.39	215.79	215.79	N	27.99	W	217.60	352.61	0.64	0.39	7.45

RECEIVED: Aug. 04, 2014

EP ENERGY

Company:	EP Energy	**Job Number:**	
Well:	Allred Trust 2-31A1E	**Mag Decl.:**	
Location:	Uintah, UT	**Dir Driller:**	
Rig:	Precision 406	**MWD Eng:**	

Calculation Method	Minimum Curvature
Proposed Azimuth	0.00
Depth Reference	KB
Tie Into:	Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)		Coordinates E/W (ft)		Closure Distance (ft)	Closure Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
73	7055.00	3.37	338.62	97.00	7047.18	221.79	221.79	N	30.08	W	223.82	352.28	0.84	-0.79	-4.12
74	7151.00	4.12	346.03	96.00	7142.98	227.76	227.76	N	31.94	W	229.99	352.02	0.93	0.78	7.72
75	7247.00	3.44	350.65	96.00	7238.77	233.95	233.95	N	33.24	W	236.30	351.91	0.78	-0.71	4.81
76	7343.00	4.63	351.64	96.00	7334.53	240.63	240.63	N	34.27	W	243.05	351.89	1.24	1.24	1.03
77	7439.00	3.52	354.27	96.00	7430.29	247.39	247.39	N	35.13	W	249.87	351.92	1.17	-1.16	2.74
78	7535.00	4.97	351.17	96.00	7526.02	254.43	254.43	N	36.06	W	256.98	351.93	1.53	1.51	-3.23
79	7630.00	4.92	349.82	95.00	7620.67	262.51	262.51	N	37.41	W	265.16	351.89	0.13	-0.05	-1.42
80	7727.00	3.62	345.49	97.00	7717.40	269.57	269.57	N	38.92	W	272.36	351.79	1.38	-1.34	-4.46
81	7823.00	3.74	351.23	96.00	7813.20	275.60	275.60	N	40.15	W	278.51	351.71	0.40	0.13	5.98
82	7919.00	4.59	340.33	96.00	7908.94	282.31	282.31	N	41.92	W	285.41	351.55	1.21	0.89	-11.35
83	8015.00	3.86	340.40	96.00	8004.68	288.97	288.97	N	44.30	W	292.35	351.28	0.76	-0.76	0.07
84	8112.00	5.11	346.31	97.00	8101.38	296.24	296.24	N	46.42	W	299.86	351.09	1.37	1.29	6.09
85	8209.00	4.71	348.33	97.00	8198.03	304.34	304.34	N	48.25	W	308.14	350.99	0.45	-0.41	2.08
86	8305.00	3.43	345.07	96.00	8293.78	310.98	310.98	N	49.78	W	314.94	350.90	1.35	-1.33	-3.40
87	8401.00	2.85	347.75	96.00	8389.64	316.08	316.08	N	51.03	W	320.18	350.83	0.62	-0.60	2.79
88	8497.00	2.18	347.88	96.00	8485.55	320.20	320.20	N	51.92	W	324.38	350.79	0.70	-0.70	0.14
89	8594.00	1.72	350.75	97.00	8582.49	323.44	323.44	N	52.54	W	327.68	350.77	0.48	-0.47	2.96
90	8690.00	1.28	355.60	96.00	8678.46	325.93	325.93	N	52.85	W	330.19	350.79	0.48	-0.46	5.05
91	8786.00	0.83	345.09	96.00	8774.44	327.67	327.67	N	53.12	W	331.95	350.79	0.51	-0.47	-10.95
92	8882.00	0.79	351.00	96.00	8870.43	329.00	329.00	N	53.40	W	333.30	350.78	0.10	-0.04	6.16
93	8977.00	0.35	349.33	95.00	8965.43	329.93	329.93	N	53.55	W	334.25	350.78	0.46	-0.46	-1.76
94	9074.00	0.34	12.74	97.00	9062.42	330.50	330.50	N	53.55	W	334.81	350.80	0.14	-0.01	-347.00
95	9167.00	0.29	37.17	93.00	9155.42	330.96	330.96	N	53.34	W	335.23	350.84	0.15	-0.05	26.27
96	9264.00	0.39	93.11	97.00	9252.42	331.14	331.14	N	52.86	W	335.33	350.93	0.34	0.10	57.67
97	9360.00	0.39	125.40	96.00	9348.42	330.93	330.93	N	52.27	W	335.03	351.02	0.23	0.00	33.64
98	9456.00	0.40	132.34	96.00	9444.42	330.52	330.52	N	51.76	W	334.54	351.10	0.05	0.01	7.23
99	9552.00	0.64	147.50	96.00	9540.41	329.84	329.84	N	51.22	W	333.79	351.17	0.29	0.25	15.79
100	9648.00	0.58	152.10	96.00	9636.41	328.96	328.96	N	50.71	W	332.84	351.24	0.08	-0.06	4.79
101	9745.00	0.44	161.19	97.00	9733.40	328.17	328.17	N	50.36	W	332.01	351.28	0.17	-0.14	9.37
102	9841.00	0.38	142.43	96.00	9829.40	327.57	327.57	N	50.04	W	331.37	351.31	0.15	-0.06	-19.54
103	9906.00	0.30	145.07	65.00	9894.40	327.26	327.26	N	49.82	W	331.03	351.34	0.13	-0.12	4.06
104	10000.00	0.31	203.75	94.00	9988.40	326.82	326.82	N	49.78	W	330.59	351.34	0.32	0.01	62.43
105	10100.00	0.26	134.11	100.00	10088.40	326.42	326.42	N	49.72	W	330.18	351.34	0.33	-0.05	-69.64
106	10200.00	0.37	134.70	100.00	10188.40	326.03	326.03	N	49.33	W	329.74	351.40	0.11	0.11	0.59
107	10300.00	0.23	182.66	100.00	10288.40	325.61	325.61	N	49.12	W	329.29	351.42	0.27	-0.13	47.95
108	10400.00	0.53	202.62	100.00	10388.39	324.97	324.97	N	49.30	W	328.69	351.37	0.32	0.30	19.96
109	10500.00	0.38	215.23	100.00	10488.39	324.27	324.27	N	49.67	W	328.06	351.29	0.18	-0.15	12.61

RECEIVED: Aug. 04, 2014

Company:	EP Energy	**Job Number:**		**Calculation Method**	Minimum Curvature
Well:	Allred Trust 2-31A1E	**Mag Decl.:**		**Proposed Azimuth**	0.00
Location:	Uintah, UT	**Dir Driller:**		**Depth Reference**	KB
Rig:	Precision 406	**MWD Eng:**		**Tie Into:**	Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)		Coordinates E/W (ft)		Closure Distance (ft)	Closure Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
110	10600.00	0.39	236.88	100.00	10588.39	323.82	323.82	N	50.15	W	327.68	351.20	0.15	0.01	21.65
111	10700.00	0.41	214.11	100.00	10688.39	323.33	323.33	N	50.64	W	327.27	351.10	0.16	0.02	-22.77
112	10800.00	0.40	218.45	100.00	10788.38	322.76	322.76	N	51.06	W	326.77	351.01	0.03	-0.01	4.34
113	10900.00	0.63	236.78	100.00	10888.38	322.18	322.18	N	51.74	W	326.31	350.88	0.28	0.23	18.32
114	11000.00	0.61	225.30	100.00	10988.37	321.50	321.50	N	52.58	W	325.78	350.71	0.13	-0.03	-11.48
115	11100.00	0.35	194.33	100.00	11088.37	320.84	320.84	N	53.03	W	325.19	350.61	0.35	-0.26	-30.96
116	11200.00	0.29	240.75	100.00	11188.37	320.42	320.42	N	53.32	W	324.82	350.55	0.26	-0.07	46.41
117	11300.00	0.15	128.44	100.00	11288.37	320.22	320.22	N	53.44	W	324.64	350.53	0.37	-0.14	-112.31
118	11400.00	0.12	99.20	100.00	11388.37	320.12	320.12	N	53.23	W	324.51	350.56	0.07	-0.03	-29.24
119	11500.00	0.27	98.88	100.00	11488.37	320.06	320.06	N	52.89	W	324.41	350.62	0.15	0.15	-0.32
120	11600.00	0.20	201.19	100.00	11588.37	319.87	319.87	N	52.72	W	324.18	350.64	0.37	-0.08	102.31
121	11700.00	0.65	177.97	100.00	11688.36	319.14	319.14	N	52.76	W	323.47	350.61	0.48	0.46	-23.22
122	11800.00	0.44	187.22	100.00	11788.36	318.19	318.19	N	52.79	W	322.54	350.58	0.23	-0.22	9.25
123	11900.00	0.37	153.49	100.00	11888.36	317.53	317.53	N	52.69	W	321.87	350.58	0.24	-0.06	-33.73
124	12000.00	0.66	153.78	100.00	11988.35	316.72	316.72	N	52.29	W	321.01	350.62	0.28	0.28	0.29
125	12100.00	1.19	156.26	100.00	12088.34	315.26	315.26	N	51.62	W	319.46	350.70	0.54	0.53	2.48
126	12200.00	1.48	153.29	100.00	12188.31	313.15	313.15	N	50.62	W	317.22	350.82	0.30	0.29	-2.97
127	12300.00	1.07	144.45	100.00	12288.29	311.24	311.24	N	49.50	W	315.15	350.96	0.45	-0.41	-8.84
128	12400.00	1.45	133.54	100.00	12388.26	309.61	309.61	N	48.04	W	313.31	351.18	0.45	0.38	-10.91
129	12500.00	1.47	139.87	100.00	12488.23	307.75	307.75	N	46.29	W	311.21	351.45	0.16	0.02	6.33
130	12600.00	1.56	142.71	100.00	12588.19	305.69	305.69	N	44.64	W	308.93	351.69	0.11	0.08	2.84
131	12700.00	1.60	142.27	100.00	12688.16	303.50	303.50	N	42.96	W	306.52	351.94	0.05	0.05	-0.44
132	12800.00	1.28	133.98	100.00	12788.12	301.62	301.62	N	41.30	W	304.43	352.20	0.39	-0.33	-8.29
133	12900.00	1.65	135.35	100.00	12888.09	299.82	299.82	N	39.49	W	302.41	352.50	0.37	0.37	1.37
134	13000.00	1.52	136.81	100.00	12988.05	297.83	297.83	N	37.57	W	300.19	352.81	0.13	-0.13	1.47
135	13100.00	1.92	157.04	100.00	13088.01	295.32	295.32	N	36.01	W	297.51	353.05	0.72	0.40	20.23
136	13200.00	2.01	154.39	100.00	13187.95	292.20	292.20	N	34.60	W	294.24	353.25	0.13	0.09	-2.65
137	13330.00	2.07	156.80	130.00	13317.87	287.98	287.98	N	32.69	W	289.83	353.52	0.08	0.05	1.85
138	13410.00	2.07	156.80	80.00	13397.82	285.32	285.32	N	31.55	W	287.06	353.69	0.00	0.00	0.00

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